Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: AMPT-Inverter-Optimized	Application Number (if known): 13275147	Filing date: 2011-10-17

First Named Inventor: Anatoli Ledenev

Title: Systems for Optimized Solar Power Inversion

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Firm Letter of Transmittal, Electronic Patent Application Fee

Signature /Misha Gregory Macaw/	Date 2011-10-17
Name (Print/Typed) Misha Gregory Macaw	Registration Number 55417

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Filed via Electronic Filing

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number:	13/275,147
Filed:	October 17, 2011
Applicants:	Anatoli Ledenev, Robert M. Porter
Title:	Systems for Optimized Solar Power Inversion
Assignee:	AMPT, LLC
Attorney Docket:	AMPT-Inverter-Optimized
Customer No.	33549
Confirmation No.:	5085

STATEMENT OF THE BASIS FOR SPECIAL STATUS

The basis for special status is that the invention materially contributes to development of renewable energy resources or energy conservation. Conventional solar power technologies often may suffer from unacceptably high costs of production due in part to inefficient inversion of solar energy into electricity usable by power grids or the like, thus decreasing the economic viability and widespread adoption of these technologies. This invention complies with the materiality standard by providing methods and apparatus focused on photovoltaic techniques specifically tailored to solar power applications that use DC-AC inversion to optimize AC inverter functionality, so that this power can be provided for AC use, perhaps for transfer to a power grid or the like.

Dated this 17th day of October, 2011.

Respectfully submitted,
SANTANGELO LAW OFFICES, P.C.

By: /Misha Gregory Macaw/
Misha Gregory Macaw
Attorney of Record
PTO No. 55417
125 South Howes, Third Floor
Fort Collins, Colorado 80521
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UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/275,147	10/17/2011	Anatoli Ledenev	AMPT-Inverter-Optimized	5085

33549 7590 11/10/2011

SANTANGELO LAW OFFICES, P.C.
125 SOUTH HOWES, THIRD FLOOR
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EXAMINER	
ART UNIT	PAPER NUMBER
2838	

NOTIFICATION DATE	DELIVERY MODE
11/10/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

CherylS@idea-asset.com
SallyH@idea-asset.com
SantangeloLawOfficesPTOnotices@yahoo.com

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SANTANGELO LAW OFFICES, P.C.
125 SOUTH HOWES, THIRD FLOOR
FORT COLLINS CO 80521

In re Application of	:	
LEDENEV et al.	:	DECISION ON PETITION
Application No. 13/275,147	:	TO MAKE SPECIAL UNDER
Filed: October 17, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. AMPT-Inverter-Optimized	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on October 17, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/275,254	10/17/2011	Robert E. Dudley	SPI0360USC5	1039

17567 7590 03/30/2012

Michael Best & Friedrich LLP (Abbott/Androgel)
Two Prudential Plaza
180 North Stetson Avenue, Suite 2000
Chicago, IL 60601

EXAMINER	
MCMILLIAN, KARA RENITA	

ART UNIT	PAPER NUMBER
1627	

NOTIFICATION DATE	DELIVERY MODE
03/30/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

chiipdocket@michaelbest.com

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Michael Best & Friedrich LLP (Abbott/Androgel)
Two Prudential Plaza
180 North Stetson Avenue, Suite 2000
Chicago IL 60601

MAR 3 0 2012

In re Application of: :
Dudley et al. :
Serial No.: 13/275,254 : PETITION DECISION
Filed: October 17, 2011 :
Attorney Docket No.: **SPI0360USC5**

This is in response to the petition under 37 CFR § 1.59(b), filed March 23, 2012, to expunge information from the above identified application. This application has not been allowed.

Petitioner requests that the proprietary material submitted to the Patent Office on March 23, 2012, be expunged from the record. Petitioner states either: (A) that the information contains trade secret material, proprietary material and/or material that is subject to a protective order which has not been made public; or (B) that the information submitted was unintentionally submitted and the failure to obtain its return would cause irreparable harm to the party who submitted the information or to the party in interest on whose behalf the information was submitted, and the information has not otherwise been made public. The petition fee set forth in 37 CFR § 1.17(g) has been paid.

This is an examined application which is currently under non-final rejection. As such the information provided has been reviewed, in part, but proceedings in the application have not been terminated. As stated in M.P.E.P. 724, upon allowance or other action closing prosecution in an application, petition may be made for return of Proprietary information. The information cannot be expunged at this time.

The petition is **DISMISSED**. Petitioner may resubmit the petition subsequent to a Notice of Allowability or *ex parte Quayle* action being mailed in the application. No additional petition fee will be required at that time.

Should there be any questions about this decision please contact Marianne C. Seidel by letter addressed to Director, TC 1600, at the address listed above, or by telephone at 571-272-0584 or by facsimile sent to the general Office facsimile number, 571-273-8300.

/MC Seidel/
Marianne C. Seidel, Quality Assurance Specialist
Technology Center 1600

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/275,347	10/18/2011	Mourad Ben Ayed	11779-62	5996

42188 7590 10/25/2011

DANIEL B. SCHEIN, PH.D., ESQ., INC.
P. O. BOX 68128
Virginia Beach, VA 23471

EXAMINER	
ART UNIT	PAPER NUMBER
2617	

MAIL DATE	DELIVERY MODE
10/25/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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DANIEL B. SCHEIN, PH.D., ESQ., INC.
P. O. BOX 68128
Virginia Beach VA 23471

In re Application of:
BEN AYED, MOURAD
Serial No.: 13/275,347
Filed: October 18, 2011

Title: **SYSTEMS FOR THREE FACTOR AUTHENTICATION CHALLENGE**

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition filed on October 18, 2011 to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is **DISMISSED**.

REGULATION AND PRACTICE

A grantable petition to make special under 37 C.F.R. § 1.102(d) and pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published in the Federal Register on June 26, 2006 (71 Fed. Reg. 36323), must satisfy the following conditions:

I. Conditions Regarding the Application:

1. the application must be a non-reissue utility or design application filed under 37 CFR 1.111(a);

2. the application, the petition and the required fees must be filed electronically using the USPTO's electronic filing system (EFS), or EFS-web; if not filed electronically, a statement asserting that EFS and EFS-web were not available during the normal business hours.

3. at the time of filing, the application must be complete under 37 CFR 1.51 and in condition for examination;

4. the application must contain three or fewer independent claims and twenty or fewer total claims and the claims must be directed to a single invention.

II. Conditions Regarding the Petition:

The petition must:

1. be filed with the application;

2. include a statement that applicant agrees not to separately argue the patentability of any independent claim during any appeal in the application;

3. include a statement that applicant agrees to make an election without traverse in a telephone interview.

4. include a statement that applicant agrees to conduct such an interview when requested by the examiner.

5. include a statement, made based on a good faith belief, that a preexamination search in compliance with the following requirements, was conducted, including an identification of the filed of search by United States class and subclass, where applicable, and for database searches, the search logic or chemical structure or sequence used as a query, the name of the file(s) searched and the database service, and the date of the search.

The preexamination search must:

5.1 involve U.S. patents and patent application publications, foreign patent documents, and non-patent literature, unless the applicant can justify with reasonable certainty that no references more pertinent than those already identified are likely to be found in the eliminated sources and includes such a justification with this statement;

5.2. be directed to the claimed invention and encompass all of the features of the claims, giving the claims the broadest reasonable interpretation;

5.3. encompass the disclosed features that may be claimed.

6. must provide in support of the petition an accelerated examination support document. An accelerated examination support document must include:

6.1. an information disclosure statement (IDS) in compliance with 37 CFR 1.98 citing each reference deemed most closely related to the subject matter of each of the claims;

6.2. an identification of all the limitations in the claims that are disclosed by the reference specifying where the limitation is disclosed in the cited reference;

6.3. a detailed explanation of how each of the claims are patentable over the references cited with particularity required by 37 CFR 1.111(b) and (c);

6.4. a concise statement of the utility of the invention as defined in each of the independent claims (unless the application is a design application);

6.5. a showing of where each limitation of the claims finds support under 35 USC 112, first paragraph, in the written description of the specification. If applicable, the showing must also identify: (1) each means- (or step) plus-function claim element that invokes consideration under 35 USC 112, sixth paragraph; and (2) the structure, material, or acts in the specification that corresponds to each means- (or step) plus-function claim element that invokes consideration under 35 USC 112, sixth paragraph; if the application claims the benefit of one or more applications under title 35, United States Code, the showing must also include where each limitation of the claims finds support under 35 USC 112, first paragraph, in each such application in which such supports exists;

6.6. an identification of any cited references that may be disqualified under 35 USC 103(c).

REVIEW OF FACTS

The conditions set forth under section I. above are considered to have been met. However, the petition fails to comply with conditions set forth under section II Item 6.5.

For the reason cited above, the petition fails to meet the required conditions to be accorded special status under the accelerated examination procedure.

Regarding the requirement in item 6.5 above, the "Accelerated Examination Support Document", is deficient because it fails to include a showing of where ***each limitation of the claims*** finds support under the first paragraph of 35 USC 112 in the written description of ***each benefit application***. As set forth supra, "*if the application claims the benefit of one or more applications under title 35, United States Code, the showing must also include where each limitation of the claims finds support under 35 USC 112, first paragraph, **in each such application in which such supports exists***". It is noted that the instant application claims benefit to US serial no. 12/488,611. Petitioner has not provided a showing of support for this benefit application. Therefore, an updated accelerated examination support document must be provided which shows where each limitation of the claims finds support in this benefit application as well.

DECISION

For the above-stated reasons, the petition is **dismissed**. The application will therefore be taken up by the examiner for action in its regular turn.

Petitioner is given a single opportunity to perfect the petition. Any request for reconsideration of this decision must be submitted within 1 (one) month or 30 (thirty) days, whichever is longer, (no extension of time under 37 CFR 1.136(a)) from the date of this decision in order to be considered timely. Any request for reconsideration must address the deficiencies indicated above.

Petitioner is reminded that, upon granting of the special status of the application on request for reconsideration, the application will be processed expeditiously. However, due to the dismissal of the instant petition, examination may not be completed within twelve months of the filing date of the application.

Any inquiry regarding this decision should be directed to Doris To, Quality Assurance Specialist, at (571) 272-7629.

/Doris To/

Doris To
Quality Assurance Specialist
Technology Center 2600
Communications

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/275,347	10/18/2011	Mourad Ben Ayed	11779-62	5996

42188 7590 12/06/2011

DANIEL B. SCHEIN, PH.D., ESQ., INC.
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EXAMINER	
GARY, ERIKA A	

ART UNIT	PAPER NUMBER
2617	

MAIL DATE	DELIVERY MODE
12/06/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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DANIEL B. SCHEIN, PH.D., ESQ., INC.
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Virginia Beach VA 23471

In re Application of:
BEN AYED, MOURAD
Serial No.: 13/275,347
Filed: October 18, 2011
Attorney Docket No: 11779-62
Title: **SYSTEMS FOR THREE FACTOR AUTHENTICATION CHALLENGE**

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition filed on November 23, 2011 requesting reconsideration to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

All of the requirements to correct the deficiencies outlined in the petition decision mailed October 25, 2011 have been met.

The petition to make the application special is **GRANTED**.

The application is eligible for accelerated examination and the petition complies with the conditions for granting the application special status pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published June 26, 2006, in the Federal Register. (71 Fed. Reg. 36323).

The prosecution of the instant application will be conducted expeditiously according to the following guidelines.

1. The application will be docketed to an examiner and taken up for action within two weeks of the date of this decision.

2. Restriction Practice:
   If the examiner determines that the claims are not directed to a single invention, a telephone request to elect one single invention will be made pursuant to MPEP 812.01. As a prerequisite to the grant of this petition, the applicant has agreed to make an oral election, by telephone, without traverse. If the applicant refuses to make an election without traverse, or the examiner cannot reach the applicant after a reasonable effort, the examiner will treat the first claimed invention (invention defined by claim 1) as having being constructively elected without traverse for examination.

3. Office action:
If it is determined that, after appropriate consultation, there is a potential rejection or any other issue to be addressed, the examiner will telephone the applicant and arrange an interview to discuss and resolve the issue. An Office action, other than a Notice of Allowance and Fee(s) Due (Notice of Allowance), will not be issued unless either: 1) an interview was conducted but did not result in agreed to action that places the application in condition for allowance, or, 2) a determination is made that an interview would be unlikely to result in the application being placed in condition for allowance, and 3) an internal conference has been held to review any rejection of any claim.

4. Time for Reply:
An Office action other than a Notice of Allowance or a final Office action will set a shortened statutory period of one month or thirty days, whichever is longer, for reply with no extension of time available under 37 CFR 1.136(a). Failure to timely file a reply within this non-extendible period for reply will result in the abandonment of the application.

5. Reply by Applicant:
A timely reply to an Office action other than the Notice of Allowance must be submitted electronically via EFS or EFS-web and limited to addressing the rejections, objections and requirement made. Any amendment that attempts to: 1) add claims which would result in more than three pending independent claims or more than twenty pending total claims; 2) present claims not encompassed by the pre-examination search or an updated accelerated examination support document; or 3) present claims that are directed a non-elected invention or an invention other than that previously claimed and examined in the application, will be treated as not fully responsive and will not be entered.

For any amendment to the claims (including any new claim) that is not encompassed by the accelerated examination support document, applicant must provide an updated accelerated examination support document that encompasses the amended or new claims at the time of filing of the amendment.

To proceed expeditiously with the examination, it is recommended that a reply with amendments made to any claim or with any new claim being added be accompanied by an updated accelerated examination support document or a statement explaining how the amended or new claim is supported by the original accelerated examination support document.

6. Information Disclosure Statement (IDS):
Any IDS filed during prosecution must be submitted electronically via EFS or EFS-web, accompanied by an updated accelerated examination support document, and be in compliance with 37 CFR 1.97 and 1.98.

7. Post-Allowance Processing:
To expedite processing of the allowed application into a patent, the applicant must: 1) pay the required fees within one month of the date of the Notice of Allowance, and 2) not file any post allowance papers not required by the Office. In no event may the issue fee be paid and accepted later than three months from the date of the Notice of Allowance.

8. After-Final and Appeal Procedures:
   To expedite prosecution, after receiving the final Office action, applicant must: 1) promptly file a notice of appeal, an appeal brief and appeal fees; and 2) not request a pre-appeal brief conference.

   Any amendment, affidavit or other evidence filed after final Office action must comply with applicable rules and the requirements outlined in numbered paragraphs 5 and 6 above.

   On appeal, the application will proceed according to normal appeal procedures. After appeal, the application will again be treated special.

9. Proceedings Outside the Normal Examination Process:
   If the application becomes involved in a proceeding that is outside the normal examination process (e.g., a secrecy order, national security review, interference proceeding, petitions under 37 CFR 1.181, 182 or 183), the application will be treated special before and after such proceeding.

10. Final Disposition:
    The twelve month goal of this accelerated examination procedure ends with a final disposition. The mailing of a final Office action, a Notice of Allowance, the filing of a Notice of Appeal, or the filing of a Request for Continued Examination (RCE) is the final disposition.

If, during prosecution, a paper is not filed electronically using EFS-web, a reply is filed but is not fully responsive, the application is involved in an appeal or a proceeding outside normal examination process, the application will still be examined expeditiously, however, the final disposition may occur more than twelve months from the filing of the application.

Any inquiry regarding this decision should be directed to Doris To, Quality Assurance Specialist, at (571) 272-7629.

/Doris To/

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Quality Assurance Specialist
Technology Center 2600
Communications

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/275,366	10/18/2011	Bing Lou WONG	P3323US08	6992

95527 7590 11/25/2011

Ella Cheong Hong Kong
5001 Hopewell Centre, 183 Queen's Road East,
Wan Chai,
HONG KONG

EXAMINER	
CORDERO GARCIA, MARCELA M	
ART UNIT	**PAPER NUMBER**
1654	

NOTIFICATION DATE	DELIVERY MODE
11/25/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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NOV 2 5 2011

Ella Cheong Hong Kong
5001 Hopewell Centre, 183 Queen's Road East,
Wan Chai HK HONG KONG

In re Application of:
Wong et al.

Serial No.: 13/275,366

Filed: October 18, 2011

Docket: **P3323US08**

Title: **METHOD FOR THE PREPARATION OF A HEAT STABLE OXYGEN CARRIER-CONTAINING COMPOSITION FACILATING BETA-BETA CROSS-LINKING**

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition of October 18, 2011, to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is GRANTED.

The application is eligible for accelerated examination and the petition complies with the conditions for granting the application special status pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published June 26, 2006, in the Federal Register. (71 Fed. Reg. 36323).

The prosecution of the instant application will be conducted expeditiously according to the following guidelines.

1. The application will be docketed to an examiner and taken up for action within two weeks of the date of this decision.

2. Restriction Practice:
If the examiner determines that the claims are not directed to a single invention, a telephone request to elect one single invention will be made pursuant to MPEP 812.01. As a prerequisite to the grant of this petition, the applicant has agreed to make an oral election, by telephone, without traverse. If the applicant refuses to make an election

without traverse, or the examiner cannot reach the applicant after a reasonable effort, the examiner will treat the first claimed invention (invention defined by claim 1) as having being constructively elected without traverse for examination.

3. Office action:
   If it is determined that, after appropriate consultation, there is a potential rejection or any other issue to be addressed, the examiner will telephone the applicant and arrange an interview to discuss and resolve the issue. An Office action, other than a Notice of Allowance and Fee(s) Due (Notice of Allowance), will not be issued unless either: 1) an interview was conducted but did not result in agreed to action that places the application in condition for allowance, or, 2) a determination is made that an interview would be unlikely to result in the application being placed in condition for allowance, and 3) an internal conference has been held to review any rejection of any claim.

4. Time for Reply:
   An Office action other than a Notice of Allowance or a final Office action will set a shortened statutory period of one month or thirty days, whichever is longer, for reply with no extension of time available under 37 CFR 1.136(a). Failure to timely file a reply within this non-extendible period for reply will result in the abandonment of the application.

5. Reply by Applicant:
   A timely reply to an Office action other than the Notice of Allowance must be submitted electronically via EFS or EFS-web and limited to addressing the rejections, objections and requirement made. Any amendment that attempts to: 1) add claims which would result in more than three pending independent claims or more than twenty pending total claims; 2) present claims not encompassed by the pre-examination search or an updated accelerated examination support document; or 3) present claims that are directed a non-elected invention or an invention other than that previously claimed and examined in the application, will be treated as not fully responsive and will not be entered.

   For any amendment to the claims (including any new claim) that is not encompassed by the accelerated examination support document, applicant must provide an updated accelerated examination support document that encompasses the amended or new claims at the time of filing of the amendment.

   To proceed expeditiously with the examination, it is recommended that a reply with amendments made to any claim or with any new claim being added be accompanied by an updated accelerated examination support document or a statement explaining how the amended or new claim is supported by the original accelerated examination support document.

6. Information Disclosure Statement (IDS):

7. Any IDS filed during prosecution must be submitted electronically via EFS or EFS-web, accompanied by an updated accelerated examination support document, and be in compliance with 37 CFR 1.97 and 1.98.

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   To expedite processing of the allowed application into a patent, the applicant must: 1) pay the required fees within one month of the date of the Notice of Allowance, and 2) not file any post allowance papers not required by the Office. In no event may the issue fee be paid and accepted later than three months from the date of the Notice of Allowance.

9. After-Final and Appeal Procedures:
   To expedite prosecution, after receiving the final Office action, applicant must: 1) promptly file a notice of appeal, an appeal brief and appeal fees; and 2) not request a pre-appeal brief conference.

   Any amendment, affidavit or other evidence filed after final Office action must comply with applicable rules and the requirements outlined in numbered paragraphs 5 and 6 above.

   On appeal, the application will proceed according to normal appeal procedures. After appeal, the application will again be treated special.

10. Proceedings Outside the Normal Examination Process:
    If the application becomes involved in a proceeding that is outside the normal examination process (e.g., a secrecy order, national security review, interference proceeding, petitions under 37 CFR 1.181, 182 or 183), the application will be treated special before and after such proceeding.

11. Final Disposition:
    The twelve month goal of this accelerated examination procedure ends with a final disposition. The mailing of a final Office action, a Notice of Allowance, the filing of a Notice of Appeal, or the filing of a Request for Continued Examination (RCE) is the final disposition.

If, during prosecution, a paper is not filed electronically using EFS-web, a reply is filed but is not fully responsive, the application is involved in an appeal, or a proceeding outside normal examination process, the application will still be examined expeditiously, however, the final disposition may occur more than twelve months from the filing of the application.

Any inquiry regarding this decision should be directed to Marianne C. Seidel, Quality Assurance Specialist, at (571) 272-0584.

/MC Seidel/
Marianne C. Seidel, Quality Assurance Specialist
Technology Center 1600

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13275642	Confirmation Number	6602	Filing Date	2011-10-18
Attorney Docket Number (optional)	GREATB-53934	Art Unit		Examiner	
First Named Inventor	Robert A. Stevenson				
Title of Invention	A MEDICAL LEAD HAVING A BANDSTOP FILTER EMPLOYING A CAPACITOR AND AN INDUCTOR TANK CIRCUIT TO ENHANCE MRI COMPATIBILITY				

Attention: Office of Petitions

An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
Robert	A.	Stevenson	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

● (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Scott W. Kelley, Reg. No. 30762/	Date (YYYY-MM-DD)	2011-10-18
Name	Scott W. Kelley	Registration Number	30762

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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In re Application of
Robert A. Stevenson

Application No. 13275642

Filed:

Attorney Docket No. GREATB-53934

:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 18-OCT-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/275,713	10/18/2011	Eiji FUKUSHIRO	Q127187	5190

23373 7590 11/08/2011

SUGHRUE MION, PLLC
2100 PENNSYLVANIA AVENUE, N.W.
SUITE 800
WASHINGTON, DC 20037

EXAMINER	
ART UNIT	PAPER NUMBER
3655	

NOTIFICATION DATE	DELIVERY MODE
11/08/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

USPTO@sughrue.com
sughrue@sughrue.com
PPROCESSING@SUGHRUE.COM

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NOV - 7 2011

SUGHRUE MION, PLLC
2100 PENNSYLVANIA AVENUE, N.W.
SUITE 800
WASHINGTON, DC 20037

In re application of FUKUSHIRO et al. Application No. 13/275,713 Filed: October 18, 2011 For: CONTROL APPARATUS AND CONTROL METHOD FOR AUTOMATIC TRANSMISSION	:	DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 CFR 1.102

This is a decision on the petition filed on October 18, 2011 to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is **DISMISSED.**

REGULATION AND PRACTICE

A grantable petition to make special under 37 C.F.R. § 1.102(d) and pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published in the Federal Register on June 26, 2006 (71 Fed. Reg. 36323), must satisfy the following conditions:

I. Conditions Regarding the Application:

1. the application must be a non-reissue utility or design application filed under 37 CFR 1.111(a);

2. the application, the petition and the required fees must be filed electronically using the USPTO's electronic filing system (EFS), or EFS-web; if not filed electronically, a statement asserting that EFS and EFS-web were not available during the normal business hours;

3. at the time of filing, the application must be complete under 37 CFR 1.51 and in condition for examination;

4. the application must contain three or fewer independent claims and twenty or fewer total claims and the claims must be directed to a single invention.

II. Conditions Regarding the Petition:

The petition must:

1. be filed with the application;

2. include a statement that applicant agrees not to separately argue the patentability of any dependent claim during any appeal in the application;

3. include a statement that applicant agrees to make an election without traverse in a telephone interview.

4. include a statement that applicant agrees to conduct such an interview when requested by the examiner.

5. include a statement, made based on a good faith belief, that a preexamination search in compliance with the following requirements, was conducted, including an identification of the field of search by United States class and subclass, where applicable, and for database searches, the search logic or chemical structure or sequence used as a query, the name of the file(s) searched and the database service, and the date of the search.

The preexamination search must:

5.1 involve U.S. patents and patent application publications, foreign patent documents, and non-patent literature, unless the applicant can justify with reasonable certainty that no references more pertinent than those already identified are likely to be found in the eliminated sources and includes such a justification with this statement;

5.2. be directed to the claimed invention and encompass all of the features of the claims, giving the claims the broadest reasonable interpretation;

5.3. encompass the disclosed features that may be claimed.

6. must provide in support of the petition an accelerated examination support document.

An accelerated examination support document must include:

6.1. an information disclosure statement (IDS) in compliance with 37 CFR 1.98 citing each reference deemed most closely related to the subject matter of each of the claims;

6.2. an identification of all the limitations in the claims that are disclosed by the reference specifying where the limitation is disclosed in the cited reference;

6.3. a detailed explanation of how each of the claims is patentable over the references cited with particularity required by 37 CFR 1.111(b) and (c);

6.4. a concise statement of the utility of the invention as defined in each of the independent claims (unless the application is a design application);

6.5. a showing of where each limitation of the claims finds support under 35 USC 112, first paragraph, in the written description of the specification. If applicable, the showing must also identify: (1) each means- (or step) plus-function claim element

that invokes consideration under 35 USC 112, sixth paragraph; and (2) the structure, material, or acts in the specification that corresponds to each means- (or step) plus-function claim element that invokes consideration under 35 USC 112, sixth paragraph; if the application claims the benefit of one or more applications under title 35, United States Code, the showing must also include where each limitation of the claims finds support under 35 USC 112, first paragraph, in each such application in which such supports exists;

6.6. an identification of any cited references that may be disqualified under 35 USC 103(c).

REVIEW OF FACTS

The petition fails to comply with conditions II.5.2, II.6.2 and 11.6.3.

As to condition II.5.2, the petition lacks an indication of a preexamination search that encompasses all of the features of the claims. Specifically, with respect to the classification search, in addition to the areas already searched, the search needs to include a search of 477/133, the area where the application is classified, and 477/115, 127, 128, 131, 132, 135, 136, 140 and 141.

As to condition II.6.2, there currently is not an adequate listing of all the limitations (or portions thereof) in each of the claims that are disclosed in each of the cited references, specifying where each of the limitations (or portions thereof) are disclosed in each of the references. Applicant has submitted an Information Disclosure Statement (IDS) listing U.S 2007/0105682. However, the Support Document (AESD) fails to include a detailed analysis of this reference. Since it is required that the most closely related references are to be submitted with the petition, all of the references submitted are considered to be "most closely related" and need to be completely addressed in the AESD. The manner in which the chosen references have been listed indicating what claimed limitations they teach appears to be acceptable, and this reference should be similarly treated.

While a reference containing a specific limitation of any one claim may not result in a rejection of the claim, applicant is required submit an AESD that includes an IDS in compliance with 37 CFR 1.98 citing each reference deemed most closely related to the subject matter of each of the claims (whether in independent or dependent form). Specifically:

(1) Applicant **is not** required to cite the references that are only relevant to the general subject matter of the claims because there are references that are more closely related to the subject matter of the claims. Applicant is also not required to cite a reference that is cumulative to any other reference cited in the IDS.

(2) Applicant **is** required to cite any reference that establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim (see 37 CFR 1.56(b)) in the IDS of the AESD.

(3) Applicant **is** required to cite the reference that discloses the most limitations in the independent claim.

(4) Applicant **is** required to cite any reference that discloses a limitation of an independent claim that is not shown in the other references.

(5) Applicant **is** required to cite any references that discloses a limitation of a dependent claim that is not shown in the other references.

As to condition II.6.3, there is not a satisfactory detailed explanation of claim patentability over each of the references. The petition fails to include an analysis of U.S 2007/0105682

Accordingly, the petition fails to meet the required conditions to be accorded special status under the accelerated examination procedure.

DECISION

For the above stated reasons, the petition is **DISMISSED**. The application will therefore be taken up by the examiner for action in its regular turn.

Petitioner is given a single opportunity to perfect the petition. Any request for reconsideration of this decision must be submitted within one (1) month or thirty (30) days, whichever is longer, from the date of this decision. No extensions of time will be granted under 37 CFR 1.136(a) if the request is to be considered timely. Any request for reconsideration must address the deficiencies indicated above.

Petitioner is reminded that, upon granting of the special status of the application on request for reconsideration, the application will be processed expeditiously. However, due to the dismissal of the instant petition, examination may not be completed within twelve months of the filing date of the application.

Any inquiry regarding this decision should be directed to Teri P. Luu, Quality Assurance Specialist, at (571) 272-7045.

/Teri P. Luu/
Teri P. Luu
Quality Assurance Specialist
Technology Center 3600

tl: 11/04/11

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UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/275,713	10/18/2011	Eiji FUKUSHIRO	Q127187	5190

23373 7590 01/18/2012

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EXAMINER	
PANG, ROGER L	

ART UNIT	PAPER NUMBER
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NOTIFICATION DATE	DELIVERY MODE
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WASHINGTON, DC 20037

In re application of	:	
FUKUSHIRO et al.	:	DECISION ON PETITION
Application No. 13/275,713	:	TO MAKE SPECIAL FOR
Filed: October 18, 2011	:	NEW APPLICATION
For: CONTROL APPARATUS AND CONTROL METHOD FOR AUTOMATIC TRANSMISSION	:	UNDER 37 CFR 1.102

This is a decision on the renewed petition filed on December 8, 2011 to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is **GRANTED**.

The application is eligible for accelerated examination and the petition complies with the conditions for granting the application special status pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published June 26, 2006, in the Federal Register. (71 Fed. Reg. 36323).

The prosecution of the instant application will be conducted expeditiously according to the following guidelines.

1. The application will be docketed to an examiner and taken up for action within two weeks of the date of this decision.

2. Restriction Practice:
If the examiner determines that the claims are not directed to a single invention, a telephone request to elect one single invention will be made pursuant to MPEP 812.01. As a prerequisite to the grant of this petition, the applicant has agreed to make an oral election, by telephone, without traverse. If the applicant refuses to make an election without traverse, or the examiner cannot reach the applicant after a reasonable effort, the examiner will treat the first claimed invention (invention defined by claim 1) as having being constructively elected without traverse for examination.

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If it is determined that, after appropriate consultation, there is a potential rejection or any other issue to be addressed, the examiner will telephone the applicant and arrange an interview to discuss and resolve the issue. An Office action, other than a Notice of Allowance and Fee(s) Due (Notice of Allowance), will not be issued unless either: 1) an interview was conducted but did not result in agreed to action that places the application in condition for allowance, or, 2) a determination is made that an interview would be unlikely to result in the application being placed in condition for allowance, and 3) an internal conference has been held to review any rejection of any claim.

4. Time for Reply:
An Office action other than a Notice of Allowance or a final Office action will set a shortened statutory period of one month or thirty days, whichever is longer, for reply with no extension of time available under 37 CFR 1.136(a). Failure to timely file a reply within this non-extendible period for reply will result in the abandonment of the application.

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A timely reply to an Office action other than the Notice of Allowance must be submitted electronically via EFS or EFS-web and limited to addressing the rejections, objections and requirement made. Any amendment that attempts to: 1) add claims which would result in more than three pending independent claims or more than twenty pending total claims; 2) present claims not encompassed by the pre-examination search or an updated accelerated examination support document; or 3) present claims that are directed to a non-elected invention or an invention other than that previously claimed and examined in the application, will be treated as not fully responsive and will not be entered.

For any amendment to the claims (including any new claim) that is not encompassed by the accelerated examination support document, applicant must provide an updated accelerated examination support document that encompasses the amended or new claims at the time of filing of the amendment.

To proceed expeditiously with the examination, it is recommended that a reply with amendments made to any claim or with any new claim being added be accompanied by an updated accelerated examination support document or a statement explaining how the amended or new claim is supported by the original accelerated examination support document.

6. Information Disclosure Statement (IDS):
Any IDS filed during prosecution must be submitted electronically via EFS or EFS-web, accompanied by an updated accelerated examination support document, and be in compliance with 37 CFR 1.97 and 1.98.

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To expedite processing of the allowed application into a patent, the applicant must: 1) pay the required fees within one month of the date of the Notice of Allowance, and 2) not file any post allowance papers not required by the Office. In no event may the issue fee be paid and accepted later than three months from the date of the Notice of Allowance.

8. After-Final and Appeal Procedures:
To expedite prosecution, after receiving the final Office action, applicant must: 1) promptly file a notice of appeal, an appeal brief and appeal fees; and 2) not request a pre-appeal brief conference.

Any amendment, affidavit or other evidence filed after final Office action must comply with applicable rules and the requirements outlined in numbered paragraphs 5 and 6 above.

On appeal, the application will proceed according to normal appeal procedures. After appeal, the application will again be treated special.

9. Proceedings Outside the Normal Examination Process:
If the application becomes involved in a proceeding that is outside the normal examination process (e.g., a secrecy order, national security review, interference proceeding, petitions under 37 CFR 1.181, 182 or 183), the application will be treated special before and after such proceeding.

10. Final Disposition:
The twelve month goal of this accelerated examination procedure ends with a final disposition. The mailing of a final Office action, a Notice of Allowance, the filing of a Notice of Appeal, or the filing of a Request for Continued Examination (RCE) is the final disposition.

If, during prosecution, a paper is not filed electronically using EFS-web, a reply is filed but is not fully responsive, the application is involved in an appeal, or a proceeding outside normal examination process, the application will still be examined expeditiously, however, the final disposition may occur more than twelve months from the filing of the application.

Any inquiry regarding this decision should be directed to Quality Assurance Specialist Teri P. Luu, at (571) 272-7045.

/Teri P. Luu/
Teri P. Luu
Special Program Examiner
Technology Center 3600

01/12/12

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
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PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13275725	Confirmation Number	7743	Filing Date	2011-10-18
Attorney Docket Number (optional)	027146-429487	Art Unit		Examiner	
First Named Inventor	Donald W. Kelley				
Title of Invention	LIQUID PEST CONTROL FORMULATION				

Attention: Office of Petitions

An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
Donald	W	Kelley	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

◉ (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Andrea M. Porterfield/	Date (YYYY-MM-DD)	2011-10-18
Name	Andrea M. Porterfield	Registration Number	55311

PTO/SB/130 (07-09)
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Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
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In re Application of
Donald W Kelley

Application No. 13275725

Filed:

Attorney Docket No. 027146-429487

:
:
:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)
:

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 18-OCT-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13275740	Confirmation Number	1510	Filing Date	2011-10-18
Attorney Docket Number (optional)	GREATB-54035	Art Unit		Examiner	
First Named Inventor	Robert A. Stevenson				
Title of Invention	A MEDICAL LEAD HAVING A BANDSTOP FILTER EMPLOYING A CAPACITOR AND AN INDUCTOR TANK CIRCUIT TO ENHANCE MRI COMPATIBILITY				

Attention: Office of Petitions
An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
Robert	A.	Stevenson	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18.
Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

◉ (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Scott W. Kelley, Reg. No. 30762/	Date (YYYY-MM-DD)	2011-10-18
Name	Scott W. Kelley	Registration Number	30762

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Privacy Act Statement

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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In re Application of
Robert A. Stevenson

Application No. 13275740

Filed:

Attorney Docket No. GREATB-54035

:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 18-OCT-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

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OFFICE OF PETITIONS

In re Application of
Haruhiko Ueno et al.
Application No.: 13/275,852
Filed: October 18, 2011
Attorney Docket No.: 151190
For: BENDING MECHANISM

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed January 6, 2012, to make the above-identified application special.

The request and petition are **DISMISSED**.

A grantable request to participate in the PPH program and petition to make special require:

1. The U.S. application must validly claim priority under 35 U.S.C. 119(a) to one or more applications filed in the JPO, note where the JPO application with similar claims is not the same application from which the U.S. application claims priority then the applicant must identify the relationship between the JPO application with similar claims and the JPO priority application;

2. Applicant must submit a copy of:
   a. The allowable/patentable claim(s) from the JPO application(s) or if a copy of the allowable/patentable claims is available via the Dossier Access System (DAS) applicant may request the USPTO obtain a copy from the DAS, however if the USPTO is unable to obtain a copy from the DAS the applicant will be required to submit a copy;
   b. An English translation of the allowable/patentable claim(s) and
   c. A statement that the English translation is accurate;

3. Applicant must
   a. Ensure all the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the JPO application(s) and
   b. Submit a claims correspondence table in English;

4. Examination of the U.S. application has not begun;

5. Applicant must submit:
    a. Documentation of prior office action:
        i. a copy of the office action(s) just prior to the "Decision to Grant a Patent" from each of the JPO application(s) containing the allowable/patentable claim(s) or
        ii. if the allowable/patentable claims(s) are from a "Notification of Reasons for Refusal" then the Notification of Reasons for Refusal or
        iii. if the JPO application is a first action allowance then no office action from the JPO is necessary should be indicated on the request/petition form;

    Further, if a copy of the documents from a or b above is available via the Dossier Access System (DAS) applicant may request the USPTO obtain a copy from the DAS, however if the USPTO is unable to obtain a copy from the DAS the applicant will be required to submit a copy;
    b. An English language translation of the JPO Office action from (5)(a)(i)-(ii) above
    c. A statement that the English translation is accurate;

6. Applicant must submit:
    a. An IDS listing the documents cited by the JPO examiner in the JPO office action (unless already submitted in this application)
    b. Copies of the documents except U.S. patents or U.S. patent application publications (unless already submitted in this application);

The request to participate in the PPH pilot program and petition fails meet condition (6).

Regarding requirement (6), in view of the application file, the IDS (Information Disclosure Statement) listing all the references cited by the JPO examiner in the JPO office action, was not submitted. Applicant should ensure that a copy of all of the references, except for US patent/publications are also submitted.

Applicant is given **ONE** opportunity within a time period of **ONE MONTH or THIRTY DAYS**, whichever is longer, from the mailing date of this decision to correct the deficiencies. **NO EXTENSION OF TIME UNDER 37 CFR 1.136 IS PERMITTED.** If the deficiencies are not corrected with the time period given, the application will await action in its regular turn.

Response must be filed via the Electronic Filing System (EFS) using the document description: Petition to make special under Patent Pros Hwy. Any preliminary amendments and IDS submitted with the PPH documents must be separately indexed as a preliminary amendment and IDS, respectively.

Telephone inquiries concerning this decision should be directed Kimberly Inabinet at 571-272-4618.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc/index.html.

David Bucei
Petitions Examiner
Office of Petitions

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Haruhiko UENO et al.

Application No.: 13/275,852

Filed: October 18, 2011

For: BENDING MECHANISM

Group Art Unit:

Examiner:

Docket No.: 151190

RESPONSE TO DISMISSAL OF PCT-PPH PETITION AND REQUEST

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the February 13, 2012 Decision of Request to Participate in the PCT Patent Prosecution Highway Pilot Program and Petition to Make Special under 37 CFR 1.102(a) and in view of the February 21, 2012 telephone interview, Applicants respectfully request reconsideration of the decision in view of at least the following remarks.

REMARKS

Applicants appreciate the courtesies shown to Applicants' representative by Examiner Inabinet in the February 21, 2012 telephone interview. Applicants' separate record of the substance of the interview is incorporated into the following remarks.

The February 13 Dismissal indicates that the January 6, 2012 Request fails to include an Information Disclosure Statement ("IDS") citing the documents cited by the JPO Examiner in the JPO Office Action and copies thereof. However, the January 6 Request indicated that all documents cited by the JP Patent Office were previously submitted in an Information Disclosure Statement filed on October 18, 2011. The Electronic Business Center indicated, in a January 16 telephone interview, that the October 18 IDS was not appearing in PAIR due to a glitch in the PTO's system. The Electronic Business Center has corrected this glitch and the October 18 IDS now appears in PAIR. Thus, as agreed in the February 21 telephone interview, Applicants have provided all necessary information so as to comply with the requirements of the PPH program. Thus, Applicants respectfully request reconsideration and prompt reversal of the February 13 Dismissal.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Michelle K. Windom
Registration No. 65,466

JAO:MQW/hs

Date: February 24, 2012

OLIFF & BERRIDGE, PLC
P.O. Box 320850
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OFFICE OF PETITIONS

In re Application of
Haruhiko Ueno et al.
Application No.: 13/275,852
Filed: October 18, 2011
Attorney Docket No.: 151190
For: BENDING MECHANISM

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the renewed request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed February 24, 2012, to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PPH pilot program and petition to make special require:

1. The U.S. application is
    a. a Paris Convention application which either
        i. validly claims priority under 35 U.S.C. 119(a) and 37 CFR 1.55 to one or more applications filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
    b. a national stage application under the PCT (an application which entered the national stage in the U.S. from a PCT international application after compliance with 35 U.S.C. 371), which PCT application
        i. validly claims priority to an application filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
        iii. contains no priority claim, or
    c. a so-called bypass application filed under 35 U.S.C. 111(a) which validly claims benefit under 35 U.S.C. 120 to a PCT application, which PCT application
        i. validly claims priority to an application filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
        iii. contains no priority claim;
2. Applicant must submit a copy of:

a. The allowable/patentable claim(s) from the JPO application(s);
b. An English translation of the allowable/patentable claim(s) and
c. A statement that the English translation is accurate;

3. Applicant must:
   a. Ensure all the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the JPO application(s) and
   b. Submit a claims correspondence table in English;
4. Examination of the U.S. application has not begun;
5. Applicant must submit:
   a. Documentation of prior office action:
      i. a copy of the office action(s) just prior to the "Decision to Grant a Patent" from each of the JPO application(s) containing the allowable/patentable claim(s) or
      ii. if the allowable/patentable claims(s) are from a "Notification of Reasons for Refusal" then the Notification of Reasons for Refusal or
      iii. if the JPO application is a first action allowance then no office action from the JPO is necessary should be indicated on the request/petition form;
   b. An English language translation of the JPO Office action from (5)(a)(i)-(ii) above
   c. A statement that the English translation is accurate;
6. Applicant must submit:
   a. An IDS listing the documents cited by the JPO examiner in the JPO office action (unless already submitted in this application)
   b. Copies of the documents except U.S. patents or U.S. patent application publications (unless already submitted in this application);

The request to participate in the PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Inquiries concerning this decision should be directed to Kimberly Inabinet at 571-272-4618.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application will be forwarded to the examiner for action on the merits commensurate with this decision.

David Bucci
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 145116.02	Application Number (if known): 13/275,925	Filing date: October 18, 2011
First Named Inventor: Hichirosai OYOBE et al.		
Title: Electrical Powered Vehicle and Power Feeding Device for Vehicle		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Preliminary Amendment

Signature	Date: November 22, 2011
Name (Print/Typed): Vitaliy L. Orekhov	Registration Number: 66,731

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program
(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Hichirosai OYOBE et al. Group Art Unit: 2838

Application No.: 13/275,925 Examiner:

Filed: October 18, 2011 Docket No.: 145116.02

For: ELECTRICAL POWERED VEHICLE AND POWER FEEDING DEVICE FOR VEHICLE

STATEMENT OF MATERIALITY

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicant respectfully submits that the above-identified application warrants special status. Specifically, the claims are directed to an electrical powered vehicle and to a power feeding device for an electrical powered vehicle, which allow for at least (1) the more efficient utilization and conservation of energy resources, and (2) the reduction of greenhouse gas emissions.

Accordingly, Applicant respectfully requests that this application be granted special status under the Green Technology Pilot Program.

Respectfully submitted,

James A. Oliff
Registration No. 27,075

Vitaliy Orekhov
Registration No. 66,739

JAO:VLO/hs

Date: November 22, 2011

OLIFF & BERRIDGE, PLC
P.O. Box 320850
Alexandria, Virginia 22320-4850
Telephone: (703) 836-6400

DEPOSIT ACCOUNT USE AUTHORIZATION
Please grant any extension necessary for entry of this filing; Charge any fee due to our Deposit Account No. 15-0461

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/275,925	10/18/2011	Hichirosai OYOBE	145116.02	6298

25944 7590 01/30/2012

OLIFF & BERRIDGE, PLC
P.O. BOX 320850
ALEXANDRIA, VA 22320-4850

EXAMINER	
ASSOUAD, PATRICK J	
ART UNIT	**PAPER NUMBER**
2858	

NOTIFICATION DATE	DELIVERY MODE
01/30/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

OfficeAction25944@oliff.com
jarmstrong@oliff.com

UNITED STATES PATENT AND TRADEMARK OFFICE

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OLIFF & BERRIDGE, PLC
P.O. BOX 320850
ALEXANDRIA VA 22320-4850

In re Application of	:	
OYOBE et al.	:	DECISION ON PETITION
Application No. 13/275,925	:	TO MAKE SPECIAL UNDER
Filed: October 18, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No.: 145116.02	:	PILOT PROGRAM

This is a decision on the renewed petition under 37 CFR 1.102, filed on November 22, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

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WESTMINSTER MA 01441-0001

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OFFICE OF PETITIONS

In re Application of
John Paul Barrieau et al.
Application No. 13/275,946
Filed: October 18, 2011
Attorney Docket No: 12715-238 (F-TP-00263.1)

: DECISION ON PETITION
: UNDER 37 CFR 1.78(a)(3)

This is a decision on the petition under 37 CFR 1.78(a)(3) filed February 16, 2012 to accept an unintentionally delayed claim under 35 U.S.C. §120 for the benefit of prior-filed non-provisional application nos. 11/282,358 and 11/825,213 as set forth in the concurrently filed amendment.

The petition is **DISMISSED AS MOOT**.

A petition for acceptance of a claim for late priority under 37 CFR 1.78(a)(3) is only applicable to those applications filed on or after November 29, 2000. Further, the petition is appropriate only after the expiration of the period specified in 37 CFR 1.78(a)(2)(ii). In addition, the petition under 37 CFR 1.78(a)(3) must be accompanied by:

(1) the reference required by 35 U.S.C. § 120 and 37 CFR 1.78(a)(2)(i) of the prior-filed application, unless previously submitted;
(2) the surcharge set forth in § 1.17(t); and
(3) a statement that the entire delay between the date the claim was due under 37 CFR 1.78(a)(2)(ii) and the date the claim was filed was unintentional. The Commissioner may require additional information where there is a question whether the delay was unintentional.

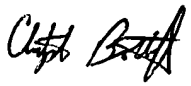
The reference required by 35 U.S.C. § 120 and paragraph (a)(2) of 37 CFR 1.78 was presented within the time period provided by paragraph (a)(2)(ii) of § 1.78. Thus, no petition to accept a late claim under 37 CFR 1.78(a)(3) is required.

The reference required by 35 U.S.C. § 120 and paragraph (a)(2) of 37 CFR 1.78 was presented within the time period provided by paragraph (a)(2)(ii) of § 1.78. Thus, no petition to accept a late claim under 37 CFR 1.78(a)(3) is required.

No fee is due and none has been charged.

Any inquiries concerning this decision may be directed to Senior Petitions Attorney Patricia Faison-Ball at (571) 272-3212. All other inquiries concerning either the examination procedures or status of the application should be directed to the Technology Center.

This application is being forwarded to Technology Center Art Unit 2612 for further examination.



Christopher Bottorff
Petitions Examiner
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

In re Application of
Robert A. Stevenson

Application No. 13276195

Filed:

Attorney Docket No. GREATB-53731

:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 19-OCT-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13276195	Confirmation Number	9802	Filing Date	2011-10-18
Attorney Docket Number (optional)	GREATB-53731	Art Unit		Examiner	
First Named Inventor	Robert A. Stevenson				
Title of Invention	IMPLANTABLE LEAD BANDSTOP FILTER EMPLOYING AN INDUCTIVE COIL WITH PARASITIC CAPACITANCE TO ENHANCE MRI COMPATIBILITY OF ACTIVE MEDICAL DEVICES				

Attention: Office of Petitions
An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
Robert	A	Stevenson	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

◉ (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Scott W. Kelley, Reg. No. 30762/	Date (YYYY-MM-DD)	2011-10-19
Name	Scott W. Kelley	Registration Number	30762

PTO/SB/130 (07-09)
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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

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5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

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Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13276219	Confirmation Number	1042	Filing Date	2011-10-18
Attorney Docket Number (optional)	6944.22.USU03	Art Unit		Examiner	
First Named Inventor	Alexanian, George				
Title of Invention	LANDSCAPE IRRIGATION MANAGEMENT WITH AUTOMATED WATER BUDGET & SEASONAL ADJUST, AND AUTOMATED IMPLEMENTATION OF WATERING RESTRICTIONS				

Attention: Office of Petitions

An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
George		Alexanian	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18.
Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

(●) (1) I am an inventor in this application and I am 65 years of age, or more.

( ) (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/George Alexanian/	Date (YYYY-MM-DD)	2011-10-10
Name	George Alexanian		

PTO/SB/130 (07-09)
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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

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UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
P.O. Box 1450
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www.uspto.gov

In re Application of
George Alexanian

Application No. 13276219

Filed:

Attorney Docket No. 6944.22.USU03

:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 18-OCT-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: CKC01	Application Number (if known): 13276226	Filing date: 10/18/2011

First Named Inventor: Chi Keng "George" Chen

Title: Direct Gas Injection System for Four Stroke Internal Combustion Engine

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Shalini Venkatesh/	Date October 21, 2011
Name (Print/Typed) Shalini Venkatesh	Registration Number 65,514

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/276,226	10/18/2011	Chi Keng "George" Chen	CKC01	3488

96178 7590 11/25/2011

Shalini Venkatesh
1078 Pomeroy Avenue
Santa Clara, CA 95051

EXAMINER	
ART UNIT	PAPER NUMBER
3783	

NOTIFICATION DATE	DELIVERY MODE
11/25/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipshaliniv@gmail.com

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Shalini Venkatesh
1078 Pomeroy Avenue
Santa Clara CA 95051

In re Application of
CHEN, CHI KENG "GEORGE"
Application No. 13/276,226
Filed: October 18, 2011
Attorney Docket No. CKC01

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed October 21, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **dismissed.**

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

If reconsideration of this decision is desired, a petition for reconsideration must be filed within ONE (1) MONTH OR THIRTY (30) DAYS from the mail date of this decision, whichever is longer. No extension of this time limit can be granted under 37 CFR 1.136(a) or (b). The petition for reconsideration should include an exhaustive attempt to provide the lacking item(s) noted below, since, after a decision on the petition for reconsideration, no further reconsideration or review of the matter will be undertaken by the Director.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by

a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The petition lacks item # 4. In regard to item 4, petitioner should note that the instant petition includes a statement identifying the basis for the special status (i.e., whether the instant invention (1) materially enhances the quality of the environment or materially contributes to (2) development of renewable energy resources or energy conservation, or (3) greenhouse gas reduction) as required by sections II and III of the notice. However, as stated in the notice, applicant must also provide a statement pertaining to the materiality standard if the application disclosure is not clear on its face as to the materiality of the basis for the special status of the invention. This petition lacks such a statement and it is not agreed that the application on its face meets that materiality standard. Petitioner states that the claimed invention relates to green technology. This is not convincing. It is not clear how the claimed conventional method of operating a four-stroke ICE by injecting compressed gas during the exhaust stroke will provide and enhance the quality of the environment or contribute to development of renewable energy resources or energy conservation or greenhouse gas reduction. There is no relationship between the statement and the claimed subject matter.

Any reconsideration of this decision should be submitted through the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen.

Telephone inquiries concerning this decision should be directed to Henry C. Yuen at 571-272-4856. Currently, the application is undergoing pre-examination processing. Upon completion, the application will be forwarded to the Technology Center Art Unit 3783 for action in its regular turn.

/Henry C. Yuen/

Henry C. Yuen
Quality Assurance Specialist
Technology Center TC 3700

PATENT APPLICATION
Attorney Docket: CKC01

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	C K "George" Chen.	
Serial No.:	13276226	
Filed:	10//18/2011	
For:	Direct Gas Injection System for Four Stroke Internal Combustion Engine	
Group Art Unit:	3783	Examiner: not yet assigned

REQUEST FOR RECONSIDERATION OF SPECIAL STATUS PETITION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the petition decision dated 11/25/2011, Applicant requests reconsideration of the petition to make special under the Green Technology Pilot Program for the above-identified patent application, submitted 10/18/2011. Applicant previously stated that aspects of the invention disclosed by the application pertain to Energy Conversation under category III of Eligibility Requirements under the Green Technology Pilot Program.

To be more specific, the claimed method of modifying the operation of a four-stroke internal combustion engine, the most common type of engine in use today for vehicle transportation, should ***significantly increase the efficiency*** with which the engine operates. The written description explains that efficiency increases of the order of 10% may typically be achieved by implementing the claimed invention – see, for example, lines 14-28 on page 7 of the specification as filed. As the fuel combusted in such engines is an important energy resource, significant improvements in the efficiency with which the fuel is used would clearly contribute to "the more efficient utilization and conservation of energy resources", which is one of the

materiality standards to be considered in deciding on special status. Accordingly, Applicant submits that the claimed invention does indeed relate to Green Technologies and requests that it be granted special status on that basis. An early publication in compliance with 37 CFR 1.219 is requested, and the publication fee set forth in 37 CFR 1.18(d) accompanied the original petition.

Respectfully Submitted,

Shalini Venkatesh
Registration No. 65,514
Date: November 30, 2011

1078 Pomeroy Avenue
Santa Clara, CA 95051
Telephone (408) 828 3546

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/276,226	10/18/2011	Chi Keng "George" Chen	CKC01	3488

96178 7590 12/23/2011

Shalini Venkatesh
1078 Pomeroy Avenue
Santa Clara, CA 95051

EXAMINER	
ART UNIT	PAPER NUMBER
3783	

NOTIFICATION DATE	DELIVERY MODE
12/23/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipshaliniv@gmail.com

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Shalini Venkatesh
1078 Pomeroy Avenue
Santa Clara CA 95051

12/23/2011

In re Application of :
Chi K. Chen et al. : DECISION ON PETITION
Application No. 13/276,226 : TO MAKE SPECIAL UNDER
Filed: October 18, 2011 : THE GREEN TECHNOLOGY
Attorney Docket No. CKC01 : PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed November 30, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010), 75 Federal Register Notice 69049 (November 10, 2010) and 76 Federal Register Notice 77979 (December 15, 2011).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Blaine Copenheaver at 571-272-1156.

The application is being forwarded to the examiner for action on the merits commensurate with this decision.

/Blaine Copenheaver/

Blaine Copenheaver
Quality Assurance Specialist
Technology Center 1700

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HOOKER & HABIB, P.C.
100 CHESTNUT STREET
SUITE 304
HARRISBURG PA 17101

JAN 17 2012

In re Application of: Zachary T. Weaver
Application No.: 13/276356
Filed: October 19, 2011
Title: BROADHEAD

: DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition filed on October 19, 2011 to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is **DISMISSED**.

REGULATION AND PRACTICE

A grantable petition to make special under 37 C.F.R. § 1.102(d) and pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published in the Federal Register on June 26, 2006 (71 Fed. Reg. 36323), must satisfy the following conditions:

I. Conditions Regarding the Application:

1. the application must be a non-reissue utility or design application filed under 37 CFR 1.111(a);

2. the application, the petition and the required fees must be filed electronically using the USPTO's electronic filing system (EFS), or EFS-web; if not filed electronically, a statement asserting that EFS and EFS-web were not available during the normal business hours.

3. at the time of filing, the application must be complete under 37 CFR 1.51 and in condition for examination;

4. the application must contain three or fewer independent claims and twenty or fewer total claims and the claims must be directed to a single invention.

II. Conditions Regarding the Petition:

The petition must:

1. be filed with the application;

2. include a statement that applicant agrees not to separately argue the patentability of any independent claim during any appeal in the application;

3. include a statement that applicant agrees to make an election without traverse in a telephone interview.

4. include a statement that applicant agrees to conduct such an interview when requested by the examiner.

5. include a statement, made based on a good faith belief, that a preexamination search in compliance with the following requirements, was conducted, including an identification of the field of search by United States class and subclass, where applicable, and for database searches, the search logic or chemical structure or sequence used as a query, the name of the file(s) searched and the database service, and the date of the search.

The preexamination search must:

5.1 involve U.S. patents and patent application publications, foreign patent documents, and non-patent literature, unless the applicant can justify with reasonable certainty that no references more pertinent than those already identified are likely to be found in the eliminated sources and includes such a justification with this statement;

5.2. be directed to the claimed invention and encompass all of the features of the claims, giving the claims the broadest reasonable interpretation;

5.3. encompass the disclosed features that may be claimed.

6. must provide in support of the petition an accelerated examination support document. An accelerated examination support document must include:

6.1. an information disclosure statement (IDS) in compliance with 37 CFR 1.98 citing each reference deemed most closely related to the subject matter of each of the claims;

6.2. an identification of all the limitations in the claims that are disclosed by the reference specifying where the limitation is disclosed in the cited reference;

6.3. a detailed explanation of how each of the claims are patentable over the references cited with particularity required by 37 CFR 1.111(b) and (c);

6.4. a concise statement of the utility of the invention as defined in each of the independent claims (unless the application is a design application);

6.5. a showing of where each limitation of the claims finds support under 35 U.S.C. 112, first paragraph, in the written description of the specification. If applicable, the showing must also identify: (1) each means- (or step) plus-function claim element that invokes consideration under 35 U.S.C. 112, sixth paragraph; and (2) the structure, material, or acts in the specification that corresponds to each means- (or step) plus-function claim element that invokes consideration under 35 U.S.C. 112, sixth paragraph; if the application claims the benefit of one or more applications under title 35, United States Code, the showing must also include where each limitation of the claims finds support under 35 U.S.C. 112, first paragraph, in each such application in which such supports exists;

6.6. an identification of any cited references that may be disqualified under 35 U.S.C. 103(c).

REVIEW OF FACTS

The conditions I:1-4, II: 1-5, 5.1, 5.2, 5.3, 6, 6.1, 6.4,and 6.6 above are considered to have been met. However, the petition fails to comply with conditions II : 6.2, 6.3, and 6.5 above.

Therefore, the petition fails to meet the required conditions to be accorded special status under the accelerated examination procedure.

Discussion

When referring to "the petition" hereinbelow, the received papers under consideration include the PTO/SB/28 form, the "pre-examination search document" including pages 1-5; the "accelerated examination support document" comprising pages 1-12, and an Information Disclosure Statement including form PTO/SB/08A.

Regarding the requirements of section II element 6.2 outlined above, the petition fails to identify all of the limitations in the application claims that are disclosed in each of the reference(s) and where the limitation is disclosed in each of the cited reference. As stated in the policy published in the Federal Register on June 26, 2006 (71 Fed. Reg. 36323), for each reference cited, the examination support document must include an identification of all the limitations in the claims that are disclosed by the reference specifying where the limitation is disclosed in the cited reference. The policy statement does not caveat "the independent claims", nor does it allow for grouping and general discussions. A grantable petition must delineate every limitation of every claim and identify where the equivalent limitation is disclosed in each piece of prior art cited on the IDS. As is published on www.uspto.gov/web/patents/accelerated/ in "Guidelines for Applicants under the new accelerated examination procedures"):

> *For each reference cited, the accelerated examination support document must include an identification of all the limitations in the claims that are disclosed by the reference specifying where the limitation is disclosed in the cited reference. Applicants should specify where in each of the cited references the particular claim limitations are found. This process is intended to be analogous to the analysis an examiner uses when locating a relevant prior art reference and then determining whether the reference contains the claimed limitation. For each claimed limitation, the examiner would consider the disclosure of the reference and all reasonable portions in the reference where the limitation is shown. When preparing an Office Action, the examiner would correlate the limitation to the portion of reference which best characterizes the limitation. This part of the AESD is not intended to be an exhaustive listing of every conceivable subjective interpretation of how a claim limitation may read on the reference. Applicants should point out what are considered to be the relevant representations of the limitation in the reference. A limitation may be found in more than one portion of the reference and should be pointed out, yet the intention is not to have applicants point out every conceivable interpretation. The USPTO will adopt a rule of reason when evaluating this portion of the AESD. Unless the representation is so deficient that it would materially effect examination of the application (e.g., numerous instances where the limitations are not shown where applicant states they are), the representation will be deemed to be sufficient for this part of the AESD.*

In the instant petition, petitioner does not address each limitation of each claim and where it is (or state that it is not) found in each closest prior art. By not addressing all limitations, it is not clear whether a limitation was overlooked in the discussion of the reference or not found in the reference. On page 4 of the AESD, applicant refers to claim 65 which does not exist.

Additionally, every reference found in the IDS is not discussed. If applicant wishes to cite references that are not required in an AESD for the examiner to consider, applicant may submit such references in a separate IDS in compliance with 37 CFR §1.97 and §1.98. Applicant should clearly identify the IDS of the AESD that is in support of the petition to make special and, similarly, applicant should clearly identify the separate IDS that is not in support of the petition. Consistent with 37 CFR §10.18, any reference submitted in a separate IDS that is not part of an AESD will be treated as a representation by applicant to the USPTO that no reference submitted in the separate IDS is deemed closer to the subject matter of at least one claim than the references provided in the AESD.

Similarly, with respect to the requirements of section II element 6.3 outlined above, the petition fails to provide a detailed explanation of how each of the claims are patentable over (each of) the reference(s) with particularity required by 37 CFR 1.111(b) and (c). Petitioners should be specific in their explanation and include the identification of specific claim limitations that support their position, where appropriate. Petitioners must distinguish each claim from each piece of prior art cited. General statements that the claims are neither anticipated nor rendered obvious by the cited references or that the references are not properly combinable will not be acceptable. The Office cannot infer or guess what petitioner believes the differences between the claims and the teachings of the prior art to be. Petitioner's statements must also be consistent and must be related to the claim language. In the instant petition, not all of the claims are addressed and the specific claim limitations that support patentability have not been recited in this section.
Note, a statement that the dependent claims are allowable because the independent claims are patentable is not sufficient. This does not provide guidance to the examiner as to whether the limitations could provide patentability should the examiner find the independent claims unpatentable.

Regarding the requirements of section II element 6.5 outlined above, the requirements of this section are not met. A grantable petition requires petitioner to provide a showing of where each limitation of the claims finds support under 35 U.S.C. 112, first paragraph, in the written description of the specification. If applicable, the showing must also identify: (1) each means- (or step) plus-function claim element that invokes consideration under 35 U.S.C. 112, sixth paragraph; and (2) the structure, material, or acts in the specification that corresponds to each means- (or step) plus-function claim element that invokes consideration under 35 U.S.C. 112, sixth paragraph; if the application claims the benefit of one or more applications under title 35, United States Code, the showing must also include where each limitation of the claims finds support under 35 U.S.C. 112, first paragraph, in each such application in which such supports exists. In the instant petition, petitioner has not pointed to the location in the specification where each limitation of the claim finds support. This must be done claim element by claim element. A listing of the element, reference number and figure is not sufficient as this not provide a showing of support for each limitation found in the claims. Additonally, petitioner has not addressed whether there are any means plus function elements. If there are none a statement to such must be provided. Furthermore, a showing of support under 35 U.S.C. 112, first paragraph, in the written description of the specification has not been made for the priority documents 13/167153 and 61/428001 as required.

DECISION

For the above-stated reasons, the petition is **dismissed**. The application will therefore be taken up by the examiner for action in its regular turn.

Petitioner is given a single opportunity to perfect the petition. Any request for reconsideration of this decision must be submitted within 1 (one) month or 30 (thirty) days, whichever is longer, (no extension of time under 37 CFR 1.136(a)) from the date of this decision in order to be considered timely. Any request for reconsideration must address all of the deficiencies indicated above.

Petitioner is reminded that, upon granting of the special status of the application on request for reconsideration, the application will be processed expeditiously. However, due to the dismissal of the instant petition, examination may not be completed within twelve months of the filing date of the application.

Any inquiry regarding this decision should be directed to Linda J. Sholl, TC 3700 Special Programs Examiner, at (571) 272-4391.

/Linda J. Sholl/
Linda J. Sholl
Special Programs Examiner
Technology Center 3700

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100 CHESTNUT STREET
SUITE 304
HARRISBURG PA 17101

MAR 1 3 2012

In re Application of: Zachary T. Weaver
Application No.: 13/276356
Filed: October 19, 2011
Title: BROADHEAD

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the renewed petition filed on February 3, 2012 to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is GRANTED.

It is noted that a Notice of Allowability was mailed on February 15, 2012. The following would apply should an RCE be filed at a later date.

The application is eligible for accelerated examination and the petition complies with the conditions for granting the application special status pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published June 26, 2006, in the Federal Register. (71 Fed. Reg. 36323).

The prosecution of the instant application will be conducted expeditiously according to the following guidelines.

1. The application will be docketed to an examiner and taken up for action within two weeks of the date of this decision.

2. Restriction Practice:
   If the examiner determines that the claims are not directed to a single invention, a telephone request to elect one single invention will be made pursuant to MPEP 812.01. As a prerequisite to the grant of this petition, the applicant has agreed to make an oral election, by telephone, without traverse. If the applicant refuses to make an election without traverse, or the examiner cannot reach the applicant after a reasonable effort, the examiner will treat the first claimed invention (invention defined by claim 1) as having being constructively elected without traverse for examination.

3. Office action:
   If it is determined that, after appropriate consultation, there is a potential rejection or any other issue to be addressed, the examiner will telephone the applicant and arrange an interview to discuss and resolve the issue. An Office action, other than a Notice of Allowance and Fee(s) Due (Notice of Allowance), will not be issued unless either: 1) an interview was conducted but did not result in agreed to action that places the application in condition for allowance, or, 2) a determination is made that an interview would be unlikely to result in the application being placed in condition for allowance, and 3) an internal conference has been held to review any rejection of any claim.

4. Time for Reply:
   An Office action other than a Notice of Allowance or a final Office action will set a shortened statutory period of one month or thirty days, whichever is longer, for reply with no extension of time available under 37 CFR 1.136(a). Failure to timely file a reply within this non-extendible period for reply will result in the abandonment of the application.

5. Reply by Applicant:
   A timely reply to an Office action other than the Notice of Allowance must be submitted electronically via EFS or EFS-web and limited to addressing the rejections, objections and requirement made. Any amendment that attempts to: 1) add claims which would result in more than three pending independent claims or more than twenty pending total claims; 2) present claims not encompassed by the pre-examination search or an updated accelerated examination support document; or 3) present claims that are directed a non-elected invention or an invention other than that previously claimed and examined in the application, will be treated as not fully responsive and will not be entered.

   For any amendment to the claims (including any new claim) that is not encompassed by the accelerated examination support document, applicant must provide an updated accelerated examination support document that encompasses the amended or new claims at the time of filing of the amendment.

   To proceed expeditiously with the examination, it is recommended that a reply with amendments made to any claim or with any new claim being added be accompanied by an updated accelerated examination support document or a statement explaining how the amended or new claim is supported by the original accelerated examination support document.

6. Information Disclosure Statement (IDS):
   Any IDS filed during prosecution must be submitted electronically via EFS or EFS-web, accompanied by an updated accelerated examination support document, and be in compliance with 37 CFR 1.97 and 1.98.

7. Post-Allowance Processing:
   To expedite processing of the allowed application into a patent, the applicant must: 1) pay the required fees within one month of the date of the Notice of Allowance, and 2) not file any post allowance papers not required by the Office. In no event may the issue fee be paid and accepted later than three months from the date of the Notice of Allowance.

8. After-Final and Appeal Procedures:
   To expedite prosecution, after receiving the final Office action, applicant must: 1) promptly file a notice of appeal, an appeal brief and appeal fees; and 2) not request a pre-appeal brief conference.

   Any amendment, affidavit or other evidence filed after final Office action must comply with applicable rules and the requirements outlined in numbered paragraphs 5 and 6 above.

   On appeal, the application will proceed according to normal appeal procedures. After appeal, the application will again be treated special.

9. Proceedings Outside the Normal Examination Process:
   If the application becomes involved in a proceeding that is outside the normal examination process (e.g., a secrecy order, national security review, interference proceeding, petitions under 37 CFR 1.181, 182 or 183), the application will be treated special before and after such proceeding.

10. Final Disposition:
    The twelve month goal of this accelerated examination procedure ends with a final disposition. The mailing of a final Office action, a Notice of Allowance, the filing of a Notice of Appeal, or the filing of a Request for Continued Examination (RCE) is the final disposition.

If, during prosecution, a paper is not filed electronically using EFS-web, a reply is filed but is not fully responsive, the application is involved in an appeal, or a proceeding outside normal examination process, the application will still be examined expeditiously, however, the final disposition may occur more than twelve months from the filing of the application.

Any inquiry regarding this decision should be directed to Linda Sholl at (571) 272-4391

/Linda Sholl/
Linda Sholl
Special Programs Examiner
Technology Center 3700

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FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP
901 NEW YORK AVENUE, NW
WASHINGTON DC 20001-4413

MAILED

DEC 19 2011

OFFICE OF PETITIONS

In re Application of :
MASUNO et al. :
Application No. 13/276,474 : DECISION ON PETITION
Filed: October 19, 2011 :
Attorney Docket No. 09812.1036-01000 :

This is in response to the petition under 37 CFR 1.57(a), filed November 15, 2011, which is being treated as a petition under 37 CFR 1.53(e)(2), requesting that the above-referenced application be accorded a filing date of October 19, 2011.

The application papers in the above-identified application were deposited on October 19, 2011. On November 8, 2011, the Office of Patent Application Processing mailed applicants a Notice of Incomplete Nonprovisional Application notifying applicants that the application papers had not been accorded a filing date because the application was deposited without drawings.

On November 15, 2011, applicants filed the present petition. Applicants request entry of the inadvertently omitted drawings on the basis that the application as filed contains a claim under 37 CFR 1.78 for the benefit of a prior-filed nonprovisional application and that the inadvertently omitted drawings are contained in that prior-filed application. Applicants provided a copy of the omitted drawings with the present petition.

A review of the application confirms the application, as filed, contained at least one method claim. MPEP § 601.01(f) provides: "It has been USPTO practice to treat an application that contains at least one process or method claim as an application for which a drawing is not necessary for an understanding of the invention under 35 U.S.C. 113 (first sentence)." Thus, pursuant to MPEP § 601.01(f), a drawing is not considered essential for a filing date. The instant application is entitled to a filing date without drawings present in the application. Accordingly, the Office should have granted the application a filing date and mailed a Notice of Omitted Items instead of a Notice of Incomplete Nonprovisional Application.

As stated in MPEP § 601.01(g) under the section entitled, "Application Entitled to a Filing Date," applicants may submit an amendment to include the inadvertently omitted portion of the drawing(s) pursuant to 37 CFR 1.57(a):

> [i]f an application was filed on or after September 21, 2004, and contains a claim under 37 CFR 1.55 for priority of a prior-filed foreign application, or a claim under 37 CFR 1.78 for the benefit of a prior-filed provisional, nonprovisional, or international application that was present on the filing date of the application, and the omitted portion of the drawing(s) was inadvertently omitted from the application and is completely contained in the prior-filed application[.]

Any amendment requesting entry of the inadvertently omitted drawings must comply with 37 CFR 1.57(a) and 37 CFR 1.121 and will be considered by the examiner. See MPEP § 201.17.

The petition is **GRANTED** to the extent the application will be accorded a filing date of October 19, 2011, with no drawings as part of the original disclosure.

Given the basis for granting this petition, the $400.00 petition fee is being refunded.

Pursuant to this decision, the application will be referred to Office of Patent Application Processing for:

- **correction of the filing date to October 19, 2011;**
- **for indication in Office records, as appropriate, that "0" sheets of drawings were present on filing, and;**
- **for issuance of a filing receipt.**

Applicants may request entry of the omitted figures by filing an amendment with the examiner prior to the first Office action on the merits. The determination of new matter will be made by the examiner.

Telephone inquiries concerning this matter may be directed to Christina Tartera Donnell, Senior Petitions Attorney at (571) 272-3211.

Anthony Knight
Director
Office of Petitions

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WESTERMAN, HATTORI, DANIELS & ADRIAN, LLP
1250 CONNECTICUT AVENUE, NW
SUITE 700
WASHINGTON, DC 20036

MAILED
MAR 15 2012
OFFICE OF PETITIONS

In re Application of	:	DECISION ON REQUEST TO
Shigenobu Sekine, et al.	:	PARTICIPATE IN THE PATENT
Application No.: 13/276,475	:	PROSECUTION HIGHWAY
Filed: 19 October 2011	:	PROGRAM AND PETITION
Attorney Docket No.: 111286	:	TO MAKE SPECIAL UNDER
For: **LIGHT-EMITTING DEVICE AND METHOD FOR MANUFACTURING THE SAME**	:	37 CFR 1.102(a)

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed 26 January 2012, to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PPH pilot program and petition to make special require:

1. The U.S. application is
    a. a Paris Convention application which either
        i. validly claims priority under 35 U.S.C. 119(a) and 37 CFR 1.55 to one or more applications filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
    b. a national stage application under the PCT (an application which entered the national stage in the U.S. from a PCT international application after compliance with 35 U.S.C. 371), which PCT application
        i. validly claims priority to an application filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
        iii. contains no priority claim, or

   c. a so-called bypass application filed under 35 U.S.C. 111(a) which validly claims benefit under 35 U.S.C. 120 to a PCT application, which PCT application
      i. validly claims priority to an application filed in the JPO, or
      ii. validly claims priority to a PCT application that contains no priority claims, or
      iii. contains no priority claim;
2. Applicant must submit a copy of:
   a. The allowable/patentable claim(s) from the JPO application(s);
   b. An English translation of the allowable/patentable claim(s) and
   c. A statement that the English translation is accurate;
3. Applicant must:
   a. Ensure all the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the JPO application(s) and
   b. Submit a claims correspondence table in English;
4. Examination of the U.S. application has not begun;
5. Applicant must submit:
   a. Documentation of prior office action:
      i. a copy of the office action(s) just prior to the "Decision to Grant a Patent" from each of the JPO application(s) containing the allowable/patentable claim(s) or
      ii. if the allowable/patentable claims(s) are from a "Notification of Reasons for Refusal" then the Notification of Reasons for Refusal or
      iii. if the JPO application is a first action allowance then no office action from the JPO is necessary should be indicated on the request/petition form;
   b. An English language translation of the JPO Office action from (5)(a)(i)-(ii) above
   c. A statement that the English translation is accurate;
6. Applicant must submit:
   a. An IDS listing the documents cited by the JPO examiner in the JPO office action (unless already submitted in this application)
   b. Copies of the documents except U.S. patents or U.S. patent application publications (unless already submitted in this application);

The request to participate in the PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Inquiries concerning this decision should be directed to Sherry D. Brinkley at 571-272-3204.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application will be forwarded to the examiner for action on the merits commensurate with this decision.

/dab/
David Bucci
Petitions Examiner
Office of Petitions

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P.O. Box 1450
Alexandria, VA 22313-1450
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In re Application of
Robert A. Stevenson

Application No. 13276484

Filed:

Attorney Docket No. GREATB-54034

:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 19-OCT-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13276484	Confirmation Number	9318	Filing Date	2011-10-19
Attorney Docket Number (optional)	GREATB-54034	Art Unit		Examiner	
First Named Inventor	Robert A. Stevenson				
Title of Invention	IMPLANTABLE LEAD BANDSTOP FILTER EMPLOYING AN INDUCTIVE COIL WITH PARASITIC CAPACITANCE TO ENHANCE MRI COMPATIBILITY OF ACTIVE MEDICAL DEVICES				

Attention: Office of Petitions
An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
Robert	A.	Stevenson	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

◉ (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Scott W. Kelley, Reg. No. 30762/	Date (YYYY-MM-DD)	2011-10-19
Name	Scott W. Kelley	Registration Number	30762

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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BACHMAN & LAPOINTE, P.C.
900 CHAPEL STREET, SUITE 1201
NEW HAVEN CT 06510

MAILED

APR 03 2012

OFFICE OF PETITIONS

In re Application of
Minoru Matsuzawa
Application No.: 13/276,586
Filed: October 19, 2011
Attorney Docket No.: 11-393
For: SUBSTRATE PROCESSING APPARATUS AND SUBSTRATE PROCESSING METHOD

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed December 28, 2011, to make the above-identified application special.

The request and petition are **DISMISSED**.

A grantable request to participate in the PPH program and petition to make special require:

1. The U.S. application must validly claim priority under 35 U.S.C. 119(a) to one or more applications filed in the JPO, note where the JPO application with similar claims is not the same application from which the U.S. application claims priority then the applicant must identify the relationship between the JPO application with similar claims and the JPO priority application;

2. Applicant must submit a copy of:
   a. The allowable/patentable claim(s) from the JPO application(s) or if a copy of the allowable/patentable claims is available via the Dossier Access System (DAS) applicant may request the USPTO obtain a copy from the DAS, however if the USPTO is unable to obtain a copy from the DAS the applicant will be required to submit a copy;
   b. An English translation of the allowable/patentable claim(s) and
   c. A statement that the English translation is accurate;

3. Applicant must
   a. Ensure all the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the JPO application(s) and
   b. Submit a claims correspondence table in English;

4. Examination of the U.S. application has not begun;

5. Applicant must submit:
    a. Documentation of prior office action:
        i. a copy of the office action(s) just prior to the "Decision to Grant a Patent" from each of the JPO application(s) containing the allowable/patentable claim(s) or
        ii. if the allowable/patentable claims(s) are from a "Notification of Reasons for Refusal" then the Notification of Reasons for Refusal or
        iii. if the JPO application is a first action allowance then no office action from the JPO is necessary should be indicated on the request/petition form;

    Further, if a copy of the documents from a or b above is available via the Dossier Access System (DAS) applicant may request the USPTO obtain a copy from the DAS, however if the USPTO is unable to obtain a copy from the DAS the applicant will be required to submit a copy;
    b. An English language translation of the JPO Office action from (5)(a)(i)-(ii) above
    c. A statement that the English translation is accurate;

6. Applicant must submit:
    a. An IDS listing the documents cited by the JPO examiner in the JPO office action (unless already submitted in this application)
    b. Copies of the documents except U.S. patents or U.S. patent application publications (unless already submitted in this application);

Conditions (1-5) above are considered to have been met. However, the request to participate in the PPH pilot program and petition fails meet condition (6).

Regarding the requirement of condition (6), applicant has failed to submit copies of the references cited in the JP office action.

Applicant is given **ONE** opportunity within a time period of **ONE MONTH or THIRTY DAYS**, whichever is longer, from the mailing date of this decision to correct the deficiencies. **NO EXTENSION OF TIME UNDER 37 CFR 1.136 IS PERMITTED.** If the deficiencies are not corrected with the time period given, the application will await action in its regular turn. Response must be filed via the Electronic Filing System (EFS) using the document description: Petition to make special under Patent Pros Hwy. Any preliminary amendments and IDS submitted with the PPH documents must be separately indexed as a preliminary amendment and IDS, respectively.

Telephone inquiries concerning this decision should be directed to Irvin Dingle at 571-272-3210.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc/index.html.

David Bucci
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 08686-0026-00000	Application Number (if known): 13/276,674	Filing date: October 19, 2011

First Named Inventor: David J. MUCHOW

Title: PORTABLE SOLAR PANEL ARRAY

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: STATEMENT IN SUPPORT OF PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Signature	Date October 19, 2011
Name (Print/Typed) Biju I. Chandran	Registration Number 63,684

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of ONE forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
Customer No. 22,852
Attorney Docket No. 08686.0026-00000

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
David J. MUCHOW et al.	)	Group Art Unit: Unknown
	)	
Application No.: 13/276,674	)	Examiner: Unknown
	)	
Filed: October 19, 2011	)	
	)	
For: PORTABLE SOLAR PANEL ARRAY	)	Confirmation No.: 6380
	)	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

STATEMENT IN SUPPORT OF PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Applicant submits this Statement concurrently with a Petition to Make Special Under the Green Technology Pilot Program. Applicant submits that this application qualifies for participation in the Green Technology Pilot Program because it meets the eligibility requirements set forth in the notice entitled "*Pilot Program for Green Technologies Including Greenhouse Gas Reduction*," 74 Fed. Reg. 64666-69 (published December 8, 2009) ("the Program Notice"), as modified by the notices entitled "*Elimination of Classification Requirement in the Green Technology Pilot Program*," 75 Fed. Reg. 28554-55 (published May 21, 2010), and "*Expansion and Extension of the Green Technology Pilot Program*," 75 Fed. Reg. 69049-50 (published November 10, 2010).

I. Requirements Under Section I of the Program Notice

(1) This application is a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a) on October 19, 2011. Although this application was filed after December 8, 2009, the publication date of the Program Notice, the requirement that the application be filed before December 8, 2009 was eliminated by the notice entitled "*Expansion and Extension of the Green Technology Pilot Program*," 75 Fed. Reg. 69049-50 (published November 10, 2010).

(2) This classification of the current application is not known. However, the requirement that an application be classified in one of the specific U.S. classifications identified in section VI of the Program Notice has been eliminated by the notice entitled "*Elimination of Classification Requirement in the Green Technology Pilot Program*," 75 Fed. Reg. 28554-55 (published May 21, 2010).

(3) The current application contains three independent claims, twenty total claims, and does not contain any multiple dependent claims.

(4) The currently pending claims are directed to a single invention that at least materially contributes to the development of renewable energy resources. If, however, the Office determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), Applicant agrees to make an election without traverse in a telephonic interview, and to elect an invention that meets the eligibility requirements set forth in the Program Notice.

(5) This Statement is being electronically filed with a Form PTO/SB/420 before December 31, 2011.

(6) To the undersigned's knowledge, this Statement is being filed before a first Office Action in this matter.

(7) The petition to make special includes a request for early publication under 37 CFR 1.219 and the publication fee under 37 CFR 1.18(d).

II. Requirements Under Section III of the Program Notice

As stated in Section III of the Program Notice, "[p]atent applications are [] eligible for the Green Technology Pilot Program if the applications are for inventions that materially contribute to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) the reduction of greenhouse gas emissions." 74 Fed. Reg. 64666-69 (December 8, 2009) at 64667.

Applicant submits that the basis for the special status is that the invention materially contributes to the development of renewable energy resources. The application disclosure is clear on its face that the claimed invention materially contributes to the development of renewable energy resources. For example, the specification describes that:

> [004] Conventional solar panels have several shortcomings. For example, conventional solar panels, permanently deployed at a location, produce energy only at times when the panels are illuminated by sunlight. Therefore, these solar panels do not produce energy for a significant portion of their operational life. Further, a defective solar panel in a conventional solar panel installation may be difficult to remove and replace with new solar panel. The disclosed portable solar panel arrays overcomes one or more of the problems set forth above.
>
> ...
>
> [040] The disclosed portable solar panel arrays improve the efficiency of solar energy technology by allowing the solar panels to be easily moved from one location to another (for example, to follow sunlight). Since defective solar panels in an array can be easily replaced with new solar panels, the disclosed portable solar panel arrays will be more cost effective. Additionally, the ability to drape a portable solar panel array on curved and sloping surfaces (such as, for example, the roof of a tent), will enable solar energy technology to be used in applications which were not previously possible. Thus, the disclosed portable solar panel arrays of the current disclosure materially contributes to the

development of renewable energy resources and the more efficient utilization of solar energy technology.

III. Conclusion

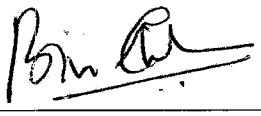
This Statement and the accompanying Petition are in full compliance with the pertinent statutes and regulations. If the Office, for any reason, considers the documents submitted herewith to be deficient in any way, the Office is invited to call Applicant's undersigned representative at (202) 408-4000.

Applicant understands that no fee is required for participation in the Green Technology Pilot Program. If, however, any fee is necessary, please charge it to Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: October 19, 2011

By: 

Biju I. Chandran
Reg. No. 63,684

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/276,674	10/19/2011	David J. Muchow	08686.0026-00000	6380

22852 7590 12/15/2011

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP
901 NEW YORK AVENUE, NW
WASHINGTON, DC 20001-4413

EXAMINER	
ART UNIT	PAPER NUMBER
1725	

MAIL DATE	DELIVERY MODE
12/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER
LLP
901 NEW YORK AVENUE, NW
WASHINGTON DC 20001-4413

12/15/2011

In re Application of :
Muchow et al. : DECISION ON PETITION
Application No. 13/276,674 : TO MAKE SPECIAL UNDER
Filed: 10/19/2011 : THE GREEN TECHNOLOGY
Attorney Docket No. **08686.0026-00000** : PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 10/19/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1725 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: MC1-018537 US CON 2	Application Number (if known): 13/276,849	Filing date: 19 October 2011

First Named Inventor: Cuauhtemoc Rodriguez

Title: Power Conditioning Unit

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Supplemental Preliminary Amendment

Signature /Christopher P Harris/	Date 27-Oct-2011
Name (Print/Typed) Christopher P. Harris	Registration Number 43,660

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/276,849	10/19/2011	Cuauhtemoc Rodriguez	MC1-018537 US CON 2	6875

26294 7590 11/17/2011

TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P.
1300 EAST NINTH STREET, SUITE 1700
CLEVELAND, OH 44114

EXAMINER	
ART UNIT	PAPER NUMBER
2838	

MAIL DATE	DELIVERY MODE
11/17/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P.
1300 EAST NINTH STREET, SUITE 1700
CLEVELAND OH 44114

In re Application of	:	
RODRIGUEZ, Cuauhtemoc	:	DECISION ON PETITION
Application No. 13/276,849	:	TO MAKE SPECIAL UNDER
Filed: October 19, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. MC1-018537 US CON 2	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on October 28, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

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United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/276,866	10/19/2011	Alfio Bucceri	FISHER-GG-PCT-US-CON	6516

7590 03/07/2012

HUDAK, SHUNK & FARINE, CO., L.P.A.
2020 FRONT STREET
SUITE 307
CUYAHOGA FALLS, OH 44221

EXAMINER	
KOONTZ, TAMMY J	

ART UNIT	PAPER NUMBER
3974	

MAIL DATE	DELIVERY MODE
03/07/2012	PAPER

DECISION GRANTING PETITION UNDER 37 CFR 1.138(d)

The declaration of express abandonment is recognized

This is in response to the petition under 37 CFR 1.138(d), requesting for a refund of any previously paid search fee and excess claims fee in the above-identified application.

The petition is granted.

The express abandonment is recognized. Any previously paid search fee and excess claims fee are hereby refunded.

Telephone inquiries should be directed to the Office of Data Management at (571) 272-4200.

Betty Powell

Patent Publication Branch
Office of Data Management

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: MC1-018537 US CON 3	Application Number (if known): 13/276,885	Filing date: 19 October 2011

First Named Inventor: Cuauhtemoc Rodriguez

Title: Power Conditioning Unit

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Christopher P Harris/	Date 27-Oct-2011
Name (Print/Typed) Christopher P. Harris	Registration Number 43,660

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/276,885	10/19/2011	Cuauhtemoc Rodriguez	MC1-018537 US CON 3	4505

26294 7590 11/10/2011

TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P.
1300 EAST NINTH STREET, SUITE 1700
CLEVELAND, OH 44114

EXAMINER	
ART UNIT	PAPER NUMBER
2838	

MAIL DATE	DELIVERY MODE
11/10/2011	PAPER

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The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
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TAROLLI, SUNDHEIM, COVELL & TUMMINO L.L.P.
1300 EAST NINTH STREET, SUITE 1700
CLEVELAND OH 44114

In re Application of	:	
RODRIGUEZ, Cuauhtemoc	:	DECISION ON PETITION
Application No. 13/276,885	:	TO MAKE SPECIAL UNDER
Filed: October 19, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 4505	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on October 28, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

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The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc Code: PPH.PCT.652
Document Description: Petition to make special under PCT-Patent Pros Hwy

PTO/SB/20PCT-JP (05-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PATENT COOPERATION TREATY - PATENT PROSECUTION HIGHWAY (PCT-PPH) PILOT PROGRAM BETWEEN THE JAPAN PATENT OFFICE (JPO) AND THE USPTO

Application No:	13/276,926	Filing date:	19 October 2011
First Named Inventor:	Yuji ZENITANI		
Title of the Invention:	METHOD FOR REDUCING CARBON DIOXIDE		

THIS REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM ALONG WITH THE REQUIRED DOCUMENTS MUST BE SUBMITTED VIA EFS-WEB. INFORMATION REGARDING EFS-WEB IS AVAILABLE AT HTTP://WWW.USPTO.GOV/EBC/EFS_HELP.HTML

APPLICANT HEREBY REQUESTS PARTICIPATION IN THE PCT-PPH PROGRAM AND PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE PCT-PPH PROGRAM.

The above-identified application is (1) a national stage entry of the corresponding PCT application, or (2) a national stage entry of another PCT application which claims priority to the corresponding PCT application, or (3) a national application that claims domestic/ foreign priority to the corresponding PCT application, or (4) a national application which forms the basis for the priority claim in the corresponding PCT application, or (5) a continuing application of a U.S. application that satisfies one of (1) to (4) above, or (6) a U.S. application that claims domestic benefit to a U.S. provisional application which forms the basis for the priority claim in the corresponding PCT application.

The corresponding PCT application number(s) is/are: PCT/JP2011/002071

The international date of the corresponding PCT application(s) is/are: PCT/JP2011/002071 filed on April 7, 2011

I. List of Required Documents:

a. **A copy of the latest international work product (WO/ISA, WO/IPEA, or IPER) in the above-identified corresponding PCT application(s)**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

b. **A copy of all claims which were indicated as having novelty, inventive step and industrial applicability in the above-identified corresponding PCT application(s).**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

c. **English translations of the documents in a. and b. above are attached (if the documents are not in the English language). A statement that the English translation is accurate is attached for the document in b. above.**

This collection of information is required by 35 U.S.C. 119, 37 CFR 1.55, and 37 CFR 1.102(d). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

PTO/SB/20PCT-JP (05-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM BETWEEN THE JPO AND THE USPTO

(continued)

Application No.:	13/276,926
First Named Inventor:	Yuji ZENITANI

d. **(1) An information disclosure statement listing the documents cited in the international work products (ISR, WO/ISA, WO/IPEA, IPER) of the corresponding PCT application.**

☐ Is attached

☑ Has already been filed in the above-identified U.S. application on 19 October 2011

(2) Copies of all documents (except) for U.S. patents or U.S. patent application publications)

☐ Are attached.

☑ Have already been filed in the above-identified U.S. application on 19 October 2011

II. Claims Correspondence Table:

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
1	1	substantially the same
2	2	substantially the same
3	3	substantially the same
4	4	substantially the same

III. All the claims in the US application sufficiently correspond to the patentable claims in the corresponding PCT application.

Signature	Date January 19, 2012
Name (Print/Typed) Michael E. Fogarty	Registration Number 36,139

VERIFICATION OF TRANSLATION

Applicant: Yuji ZENITANI et al.

Title of the Invention:

METHOD FOR REDUCING CARBON DIOXIDE

I, Yukie SAKAKURA, whose full post office address is c/o Seiran International Patent Firm, 8th Fl., Umeda Plaza Bldg. Annex, 4-3-25, Nishitenma, Kita-ku, Osaka-shi, Osaka 530-0047 Japan,

state that the following is a true translation to the best of my knowledge and belief of the Written Opinion by the JPO/ISA of PCT/JP2011/002071 (International Filing Date: April 7, 2011).

At Osaka, Japan

Dated this 06/ 01/ 2012 (Day/Month/Year)

坂倉幸枝

Yukie SAKAKURA

Box No. V

2. Citations and Explanations

Document 1: JP 2001-89887 A
(Iwasaki Electric Co., Ltd.)
April 3, 2001
[0007], [0008], [0016] to [0032]; FIGs. 1 to 3
(Family: none)

Document 2: JP 7-188961 A
(Hitachi, Ltd.;
Research Institute of Innovative Technology for the Earth)
July 25, 1995
[0001], [0005] to [0026]; FIGs. 1 and 2
(Family: none)

None of the documents cited in the international search report describes the inventions according to Claims 1 to 4, and these inventions are not obvious to a person skilled in the art, either.

None of the documents describes a method for reducing carbon dioxide, in which an electrochemical cell including a working electrode containing boron carbide (B_4C) as an active ingredient, a counter electrode, an electrolytic vessel for holding an electrolytic solution is used, and the electrolytic solution contains carbon dioxide and the carbon dioxide is reduced to produce compounds such as methane, ethylene, ethane and formic acid.

In contrast, by using this method, the invention of the present application exhibits advantageous effects that compounds, such as methane, ethylene, ethane and formic acid, can be produced at an overvoltage lower than overvoltages required for conventional methods and that the high durability of boron carbide allows the working electrode to achieve high durability.

特 許 協 力 条 約

PCT

国際調査報告

（法８条、法施行規則第40、41条）
〔ＰＣＴ18条、ＰＣＴ規則43、44〕

出願人又は代理人 の書類記号　P605218PO	今後の手続きについては、様式ＰＣＴ／ＩＳＡ／２２０ 及び下記５を参照すること。	
国際出願番号 ＰＣＴ／ＪＰ２０１１／００２０７１	国際出願日 (日.月.年)　０７．０４．２０１１	優先日 (日.月.年)　２６．０４．２０１０
出願人（氏名又は名称） パナソニック株式会社		

国際調査機関が作成したこの国際調査報告を法施行規則第41条（ＰＣＴ18条）の規定に従い出願人に送付する。
この写しは国際事務局にも送付される。

この国際調査報告は、全部で　2　ページである。

☐ この調査報告に引用された先行技術文献の写しも添付されている。

１．国際調査報告の基礎

ａ．言語に関し、この国際調査は以下のものに基づき行った。

☑ 出願時の言語による国際出願

☐ 出願時の言語から国際調査のための言語である＿＿＿＿＿＿＿＿ 語に翻訳された、
この国際出願の翻訳文（ＰＣＴ規則12.3(a)及び23.1(b)）

ｂ．☐ この国際調査報告は、ＰＣＴ規則91の規定により国際調査機関が認めた又は国際調査機関に通知された明らかな誤りの訂正を考慮して作成した（ＰＣＴ規則43.6の2(a)）。

ｃ．☐ この国際出願は、ヌクレオチド又はアミノ酸配列を含んでいる（第Ｉ欄参照）。

２．☐ 請求の範囲の一部の調査ができない（第Ⅱ欄参照）。

３．☐ 発明の単一性が欠如している（第Ⅲ欄参照）。

４．発明の名称は

☑ 出願人が提出したものを承認する。

☐ 次に示すように国際調査機関が作成した。

＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿＿

５．要約は

☑ 出願人が提出したものを承認する。

☐ 第Ⅳ欄に示されているように、法施行規則第47条第１項（ＰＣＴ規則38.2）の規定により国際調査機関が作成した。出願人は、この国際調査報告の発送の日から１月以内にこの国際調査機関に意見を提出することができる。

６．図面に関して

ａ．要約書とともに公表される図は、
第　2　図とする。

☑ 出願人が示したとおりである。

☐ 出願人は図を示さなかったので、国際調査機関が選択した。

☐ 本図は発明の特徴を一層よく表しているので、国際調査機関が選択した。

ｂ．☐ 要約とともに公表される図はない。

国際調査報告

国際出願番号　ＰＣＴ／ＪＰ２０１１／００２０７１

Ａ．　発明の属する分野の分類（国際特許分類（ＩＰＣ））

Int.Cl.　C25B3/04(2006.01)i, B01J27/22(2006.01)i, C25B9/00(2006.01)i, C25B11/06(2006.01)i

Ｂ．　調査を行った分野

調査を行った最小限資料（国際特許分類（ＩＰＣ））

Int.Cl.　C25B3/04, B01J27/22, C25B9/00, C25B11/06, H01M4/86-4/98

最小限資料以外の資料で調査を行った分野に含まれるもの

日本国実用新案公報	１９２２－１９９６年
日本国公開実用新案公報	１９７１－２０１１年
日本国実用新案登録公報	１９９６－２０１１年
日本国登録実用新案公報	１９９４－２０１１年

国際調査で使用した電子データベース（データベースの名称、調査に使用した用語）

JSTPlus(JDreamII)

Ｃ．　関連すると認められる文献

引用文献のカテゴリー＊	引用文献名　及び一部の箇所が関連するときは、その関連する箇所の表示	関連する請求項の番号
A	JP 2001-89887 A (岩崎電気株式会社) 2001.04.03, 【０００７】, 【０００８】, 【００１６】－【００３２】, 図１－図３（ファミリーなし）	１－４
A	JP 7-188961 A (株式会社日立製作所、財団法人地球環境産業技術研究機構) 1995.07.25, 【０００１】, 【０００５】－【００２６】, 図１，図２（ファミリーなし）	１－４

☐　Ｃ欄の続きにも文献が列挙されている。

☐　パテントファミリーに関する別紙を参照。

＊　引用文献のカテゴリー
「Ａ」特に関連のある文献ではなく、一般的技術水準を示すもの
「Ｅ」国際出願日前の出願または特許であるが、国際出願日以後に公表されたもの
「Ｌ」優先権主張に疑義を提起する文献又は他の文献の発行日若しくは他の特別な理由を確立するために引用する文献（理由を付す）
「Ｏ」口頭による開示、使用、展示等に言及する文献
「Ｐ」国際出願日前で、かつ優先権の主張の基礎となる出願の日の後に公表された文献
「Ｔ」国際出願日又は優先日後に公表された文献であって出願と矛盾するものではなく、発明の原理又は理論の理解のために引用するもの
「Ｘ」特に関連のある文献であって、当該文献のみで発明の新規性又は進歩性がないと考えられるもの
「Ｙ」特に関連のある文献であって、当該文献と他の１以上の文献との、当業者にとって自明である組合せによって進歩性がないと考えられるもの
「＆」同一パテントファミリー文献

国際調査を完了した日	国際調査報告の発送日
２７．０４．２０１１	１７．０５．２０１１

国際調査機関の名称及びあて先
日本国特許庁（ＩＳＡ／ＪＰ）
郵便番号１００－８９１５
東京都千代田区霞が関三丁目４番３号

特許庁審査官（権限のある職員）　４Ｅ　４１４３
伊藤　寿美
電話番号　０３－３５８１－１１０１　内線　３４２５

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2011/002071

A. CLASSIFICATION OF SUBJECT MATTER
C25B3/04(2006.01)i, *B01J27/22*(2006.01)i, *C25B9/00*(2006.01)i, *C25B11/06*(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C25B3/04, B01J27/22, C25B9/00, C25B11/06, H01M4/86-4/98

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2011
Kokai Jitsuyo Shinan Koho	1971-2011	Toroku Jitsuyo Shinan Koho	1994-2011

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
JSTPlus(JDreamII)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2001-89887 A (Iwasaki Electric Co., Ltd.), 03 April 2001 (03.04.2001), paragraphs [0007], [0008], [0016] to [0032]; fig. 1 to 3 (Family: none)	1-4
A	JP 7-188961 A (Hitachi, Ltd., Research Institute of Innovative Technology for the Earth), 25 July 1995 (25.07.1995), paragraphs [0001], [0005] to [0026]; fig. 1, 2 (Family: none)	1-4

☐ Further documents are listed in the continuation of Box C. ☐ See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier application or patent but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed
"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
27 April, 2011 (27.04.11)	17 May, 2011 (17.05.11)
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer
Facsimile No.	Telephone No.

Form PCT/ISA/210 (second sheet) (July 2009)

特許協力条約

発信人　日本国特許庁（国際調査機関）

代理人
鎌田耕一
様

あて名
〒530-0047
日本国大阪府大阪市北区西天満４丁目３番２５号梅田プラザビル別館８階

PCT
国際調査機関の見解書
（法施行規則第40条の2）
〔PCT規則43の2.1〕

出願人又は代理人の書類記号　P605218P0	発送日（日.月.年）　17.05.2011 今後の手続きについては、下記２を参照すること。

国際出願番号	国際出願日	優先日
PCT／JP2011／002071	（日.月.年）　07.04.2011	（日.月.年）　26.04.2010

国際特許分類（IPC）Int.Cl. C25B3/04(2006.01)i, B01J27/22(2006.01)i, C25B9/00(2006.01)i, C25B11/06(2006.01)i

出願人（氏名又は名称）
パナソニック株式会社

1．この見解書は次の内容を含む。

- ☑ 第Ⅰ欄　見解の基礎
- ☐ 第Ⅱ欄　優先権
- ☐ 第Ⅲ欄　新規性、進歩性又は産業上の利用可能性についての見解の不作成
- ☐ 第Ⅳ欄　発明の単一性の欠如
- ☑ 第Ⅴ欄　PCT規則43の2.1(a)(i)に規定する新規性、進歩性又は産業上の利用可能性についての見解、それを裏付けるための文献及び説明
- ☐ 第Ⅵ欄　ある種の引用文献
- ☐ 第Ⅶ欄　国際出願の不備
- ☐ 第Ⅷ欄　国際出願に対する意見

2．今後の手続き

国際予備審査の請求がされた場合は、出願人がこの国際調査機関とは異なる国際予備審査機関を選択し、かつ、その国際予備審査機関がPCT規則66.1の2(b)の規定に基づいて国際調査機関の見解書を国際予備審査機関の見解書とみなさない旨を国際事務局に通知していた場合を除いて、この見解書は国際予備審査機関の最初の見解書とみなされる。

この見解書が上記のように国際予備審査機関の見解書とみなされる場合、様式PCT／ISA／220を送付した日から３月又は優先日から２２月のうちいずれか遅く満了する期限が経過するまでに、出願人は国際予備審査機関に、適当な場合は補正書とともに、答弁書を提出することができる。

さらなる選択肢は、様式PCT／ISA／220を参照すること。

3．さらなる詳細は、様式PCT／ISA／220の備考を参照すること。

見解書を作成した日
27.04.2011

名称及びあて先
日本国特許庁（ISA／JP）
郵便番号１００－８９１５
東京都千代田区霞が関三丁目４番３号

特許庁審査官（権限のある職員）　4E　4143
伊藤　寿美
電話番号　03－3581－1101　内線　3425

国際調査機関の見解書

国際出願番号 PCT／JP2011／002071

第Ⅰ欄 見解の基礎

1．言語に関し、この見解書は以下のものに基づき作成した。

☑ 出願時の言語による国際出願

☐ 出願時の言語から国際調査のための言語である＿＿＿＿＿＿語に翻訳された、この国際出願の翻訳文
（ＰＣＴ規則12.3(a)及び23.1(b)）

2．☐ この見解書は、ＰＣＴ規則 91 の規定により国際調査機関が認めた又は国際調査機関に通知された明らかな誤りの訂正を考慮して作成した（ＰＣＴ規則 43 の 2.1(b)）。

3．この国際出願で開示されたヌクレオチド又はアミノ酸配列に関して、提出された以下の配列表に基づき見解書を作成した。

a．提出手段 ☐ 紙形式

☐ 電子形式

b．提出時期 ☐ 出願時の国際出願に含まれていたもの

☐ この国際出願と共に電子形式により提出されたもの

☐ 出願後に、調査のために、この国際調査機関に提出されたもの

4．☐ さらに、複数の版の配列表又は配列表の写しを提出した場合、出願後に提出した配列の写し若しくは追加して提出した配列の写しが、出願時に提出した配列と同一である旨又は出願時の開示を超える事項を含まない旨の陳述書の提出があった。

5．補足意見：

国際調査機関の見解書

国際出願番号 PCT／JP2011／002071

第Ⅴ欄 新規性、進歩性又は産業上の利用可能性についてのＰＣＴ規則43の2.1(a)(i)に定める見解、それを裏付ける文献及び説明

1． 見解

新規性（N）	請求項	1－4	有
	請求項		無
進歩性（ＩＳ）	請求項	1－4	有
	請求項		無
産業上の利用可能性（ＩＡ）	請求項	1－4	有
	請求項		無

2． 文献及び説明

文献１：JP 2001-89887 A（岩崎電気株式会社）2001.04.03,【０００７】,【０００８】,【００１６】－【００３２】,図１－図３（ファミリーなし）

文献２：JP 7-188961 A（株式会社日立製作所、財団法人地球環境産業技術研究機構）1995.07.25,【０００１】,【０００５】－【００２６】,図１,図２（ファミリーなし）

請求項１－４に係る発明は、国際調査報告に引用されたいずれの文献にも記載されておらず、当業者にとって自明なものでもない。

いずれの文献にも、炭化硼素（B_4C）を有効成分とする作用極、対極、電解液を保持する電解槽を備える電気化学セルを用いて、電解液に二酸化炭素を含有させて還元することにより、メタン、エチレン、エタン、蟻酸等の化合物を生成する二酸化炭素の還元方法については記載されていない。

一方、本願発明は、前記方法により、従来の方法より小さな過電圧条件下で、メタン、エチレン、エタン、蟻酸等の化合物を生成することができ、また、炭化硼素は高い耐久性を有するので、前記作用極は高い耐久性を実現できるという有利な効果を発揮する。

VERIFICATION OF TRANSLATION

Applicant: Yuji ZENITANI et al.

Title of the Invention:

METHOD FOR REDUCING CARBON DIOXIDE

I, Yukie SAKAKURA, whose full post office address is c/o Seiran International Patent Firm, 8th Fl., Umeda Plaza Bldg. Annex, 4-3-25, Nishitenma, Kita-ku, Osaka-shi, Osaka 530-0047 Japan,

state that the following is a true translation to the best of my knowledge and belief of the claims of PCT Application No. PCT/JP2011/002071 (International Filing Date: April 7, 2011).

At Osaka, Japan

Dated this 06/ 01/ 2012 (Day/Month/Year)

坂倉幸枝

Yukie SAKAKURA

English translation of claims of PCT/JP2011/002071

CLAIMS

1. A method for reducing carbon dioxide, comprising:

a step (a) of preparing an electrochemical cell, wherein
the electrochemical cell comprises a working electrode, a counter electrode and a vessel,
the vessel stores an electrolytic solution,
the working electrode contains boron carbide,
the electrolytic solution contains carbon dioxide,
the working electrode is in contact with the electrolytic solution, and
the counter electrode is in contact with the electrolytic solution; and

a step (b) of applying a negative voltage and a positive voltage to the working electrode and the counter electrode, respectively, to reduce the carbon dioxide.

2. The method according to Claim 1, wherein
in the step (b), at least one compound selected from the group consisting of methane, ethylene, ethane, and formic acid is produced.

3. The method according to Claim 1,wherein
the vessel comprises a solid electrolyte membrane, and
the solid electrolyte membrane is interposed between the working electrode and the counter electrode.

4. The method according to Claim 1, wherein
the electrochemical cell comprises a tube,
one end of the tube is disposed in the electrolytic solution, and
in the step (b), the carbon dioxide is supplied to the electrolytic solution through the tube.

請求の範囲

[請求項1] 二酸化炭素を還元する方法であって、以下の工程を具備する：

電気化学セルを用意する工程（ａ）、ここで、

前記電気化学セルは、作用極、対極、および槽を具備し、

前記槽は電解液を蓄えており、

前記作用極は炭化硼素を含有し、

前記電解液は二酸化炭素を含有し、

前記作用極は前記電解液に接しており、

前記対極は前記電解液に接しており、および

前記作用極および前記対極に負の電圧および正の電圧をそれぞれ印加し、前記二酸化炭素を還元する工程（ｂ）。

[請求項2] 請求項１の方法であって、

工程（ｂ）においてメタン、エチレン、エタン、および蟻酸からなる群から選択される少なくとも１種の化合物が生成する。

[請求項3] 請求項１の方法であって、

前記槽は固体電解質膜を具備し、

前記固体電解質は、前記作用極および前記対極との間に挟まれている。

[請求項4] 請求項１の方法であって、

前記電気化学セルは管を具備し、

前記管の一端は、前記電解液の内部に配置されており、

前記工程（ｂ）において、前記管から前記二酸化炭素が前記電解液に供給される。

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MCDERMOTT WILL & EMERY, LLP
600 13TH STREET, NW
WASHINGTON, DC 20005-3096

MAILED
FEB 22 2012
OFFICE OF PETITIONS

In re Application of
Yuji ZENITANI, et al.
Application No.: 13/276,926
Filed: 19 October 2011
Attorney Docket No.: 071025-0059
For: METHOD FOR REDUCING CARBON DIOXIDE

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the PCT Patent Prosecution Highway (PCT-PPH) pilot program and the petition under 37 CFR 1.102(a), filed on 19 January 2012, to make the above-identified application special.

The request and petition are **GRANTED**.

DISCUSSION

A grantable request to participate in the PCT-PPH pilot program and petition to make special require:

(1) The U.S. application must have an eligible relationship to one or more PCT applications where the ISA or IPEA are the JPO, EPO, KIPO, NPI, NBPR, or USPTO;

(2) At least one claim in the PCT application has novelty, inventive step, and industrial applicability and must be free of any observations in Box VIII in the latest work product in the international stage or applicant must identify and explain why the claim(s) is/are not subject to the observation in Box VIII;

(3) Applicant must submit a copy of the claim(s) from the PCT application(s) that have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate, if the claims are not in the English language;

(4) All the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the claim(s) that have novelty, inventive step, and industrial applicability in the PCT application(s);

(5) Examination of the U.S. application has not begun;

(6) Applicant must submit a copy of the latest international work product from the PCT application indicating that the claim(s) have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate if the latest international work product is not in the English language;

(7) Applicant must submit an IDS listing the documents cited by the PCT examiner in the international work product along with copies of documents except U.S. patents or U.S. patent application publications.

The request to participate in the PCT-PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to April M. Wise at 571-272-4549.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application will be forwarded to the examiner for action on the merits commensurate with this decision once this application's formality reviews have been completed.

/dab/
David Bucci
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
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PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: CEP08339DIV	Application Number (if known):	Filing date: October 19, 2011
First Named Inventor: Yang Song		
Title: REDUCING LOSS OF LIQUID ELECTROLYTE FROM A HIGH TEMPERTURE POLYMER-ELECTROLYTE MEMBRANE FUEL CELL		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Preliminary Amendment, Specification, and Drawings

Signature /M. Matthews Hall/	Date October 19, 2011
Name (Print/Typed) M. Matthews Hall	Registration Number 43,653

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature see below*.*

[X] *Total of 1 forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Yang Song et al.
Application No.	:	Not yet assigned
Filed	:	Herewith
Title	:	REDUCING LOSS OF LIQUID ELECTROLYTE FROM A HIGH TEMPERATURE POLYMER-ELECTROLYTE MEMBRANE FUEL CELL
Docket No.	:	CEP08339DIV
Date	:	October 19, 2011

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being transmitted via EFS or facsimile to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450 on:

October 19, 2011
Date

/Katherine D. Gardner/
Katherine D. Gardner

STATEMENTS OF SPECIAL STATUS

Applicants respectfully request consideration of the following statement concerning the basis for the special status as well as the following statement pertaining to the materiality standard.

I. Statement concerning the basis for special status.

Applicants submit that special status is sought on the following basis: the claimed invention materially contributes to the more efficient utilization and conservation of energy resources.

II. Statement pertaining to the materiality standard.

As a preliminary matter, Applicants note that the following statement refers explicitly to the elements of independent claim 1, which is the broadest claim in many respects.

Applicants submit that the claimed invention materially contributes to the more efficient utilization and conservation of energy resources by reducing the consumption of fossil fuels. Specifically, the claimed invention extends the duration over which a fuel cell can be used. As explained in the Background and Summary of the subject application, high temperature polymer electrolyte membrane (HT-PEM) fuel cells can generate energy from the electrochemical oxidation of a fuel such as hydrogen or methanol. These fuel cells rely on an electrolyte to conduct protons from a catalyzed anode, where electrochemical oxidation of a fuel takes place, to a catalyzed cathode, where electrochemical reduction of oxygen takes place. The electrolyte can be a liquid which is sorbed onto a polymer matrix membrane, thus forming a gel-like membrane. Due to the fact that the electrolyte does not easily evaporate out of the polymer matrix, these membranes can withstand high operating temperatures, resulting in gains in efficiency and ease of control. However, extended periods of use can ultimately lead to electrolyte loss, reducing the conductivity of the membrane. Furthermore, the degradation of the PEM can lead to the membrane being pervious to the fuel and oxygen, reducing the efficiency of the fuel cell and forming a potentially unsafe mixture of fuel and oxygen. The claimed invention addresses these issues by providing a method for reducing loss of the liquid electrolyte from the PEM. For example, claim 1 recites:

> A method for reducing loss of a liquid electrolyte in a fuel cell system including at least a first and second fuel cell, each fuel cell having a gas-permeable anode and a gas-permeable cathode disposed in face-sharing contact with a polymer-electrolyte membrane, the method comprising:
>
> directing a gas from at least the first fuel cell to a gas exit that enriches the gas with a vapor of the liquid electrolyte, the liquid electrolyte being unreplenishable via an electrochemical reaction of the fuel cell system;
>
> transporting the gas over or through a sorbent structure charged with the liquid electrolyte *en route* to at least the second fuel cell, the sorbent structure arranged in an internal cavity coupled to the gas exit; and
>
> directing the gas enriched with the vapor to an inlet of at least the second fuel cell.

That is, a gas may be directed from at least the first fuel cell to a sorbent structure charged with the liquid electrolyte positioned in an internal cavity, the internal cavity configured to transport the gas over or through the sorbent structure *en route* to at least the second fuel cell. In the internal cavity, the gas may be enriched with the liquid electrolyte vapor. The enriched gas may then be directed from the internal cavity to an inlet gas supply of at least the second fuel cell to recycle the electrolyte. In this way, at least some of the electrolyte from the exhaust of a first fuel cell may be recycled to the intake of a second fuel cell. This makes it is possible to accurately control the amount of liquid electrolyte in the membrane as well as minimize the loss of liquid electrolyte from the membrane.

By reducing the loss of the liquid electrolyte from the membrane, the operational lifetime of the fuel cell can be extended, and further the performance efficiency of the fuel cell can be increased over a longer duration. Because fuel cells can utilize non-fossil fuels such as hydrogen and methanol, extending the amount of time a fuel cell is operational results in decreased consumption of fossil fuels. And, by extending the duration of increased efficiency of the membrane, the alternative fuels may be more

efficiently utilized, further reducing usage of fossil fuels. Furthermore, one factor preventing more widespread use of fuel cells is their high cost. By extending the duration over which a fuel cell can be operated, the claimed invention lowers the lifetime cost of a fuel cell, making it more likely fuel cells will be utilized to produce energy, thus lowering the consumption of fossil fuels.

Please charge any cost incurred in this filing, along with any other costs, to Deposit Account No. 503397.

Respectfully submitted,

ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP

/M. Matthews Hall/

M. Matthews Hall
Registration No. 43,653
Customer No. 50488
Attorney for Assignee
806 S.W. Broadway, Suite 600
Portland, Oregon 97205
Telephone: (503) 459-4141
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UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/276,947	10/19/2011	Yang Song	CEP08339DIV	6276

50488 7590 11/18/2011

ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP
806 SW BROADWAY
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PORTLAND, OR 97205-3335

EXAMINER	
CREPEAU, JONATHAN	
ART UNIT	**PAPER NUMBER**
1725	

MAIL DATE	DELIVERY MODE
11/18/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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11/18/11

ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP
806 SW BROADWAY
SUITE 600
PORTLAND OR 97205-3335

In re Application of	:	
Song et al.	:	DECISION ON PETITION
Application No. 13/276,947	:	TO MAKE SPECIAL UNDER
Filed: 10/19/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **CEP08339DIV**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 10/19/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1725 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
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PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13276978	Confirmation Number	9933	Filing Date	2011-10-19
Attorney Docket Number (optional)	DER-001	Art Unit		Examiner	
First Named Inventor	JoAnne DeRosa				
Title of Invention	ANIMAL CHEW TOY				

Attention: Office of Petitions

An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
JoAnne		DeRosa	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

◉ (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/thomas schneck/	Date (YYYY-MM-DD)	2011-10-19
Name	Thomas Schneck	Registration Number	24518

PTO/SB/130 (07-09)
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Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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In re Application of
JoAnne DeRosa

Application No. 13276978

Filed:

Attorney Docket No. DER-001

:
:
:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)
:

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 19-OCT-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
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PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: K-1241.01	Application Number (if known):	Filing date: October 20, 2011
First Named Inventor: Kyunghyun KIM		
Title: LIGHTING APPARATUS		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date October 20, 2011
Name (Print/Typed) Paul H. Kang	Registration Number 66,545

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature see below*.*

☒ *Total of 1 forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No.: **K-1241.01** PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Customer No.: **34610**

Kyunghyun KIM; Sejoon YOU; Hyunha KIM;
Hankyu CHO; and Jeongsoo LEE

Serial No.: **Continuation of Serial No. 13/210,683**

Filed: **October 20, 2011**

For: **LIGHTING APPARATUS**

STATEMENT OF SPECIAL STATUS FOR ELIGIBILITY UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

U.S. Patent and Trademark Office
Customer Service Window, **MAIL STOP PETITIONS**
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

Special status is sought under 37 CFR §1.102 because the invention materially contributes to the more efficient utilization and conservation of energy resources.

Respectfully submitted,
KED & ASSOCIATES, LLP

Daniel Y.J. Kim
Registration No. 36,186
Paul H. Kang
Registration No. 66,545

Correspondence Address:
P.O. Box 8638
Reston, VA 20195
703 766-3777 DYK/PHK:tmd
Date: October 20, 2011
Please direct all correspondence to Customer Number 34610
Q:\Documents\2016-1487.1\301091

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/277,567	10/20/2011	Kyunghyun Kim	K-1241.01	2257

7590 11/10/2011

KED & ASSOCIATES, LLP
P.O. Box 8638
Reston, VA 20195

EXAMINER	
ART UNIT	PAPER NUMBER
2875	

MAIL DATE	DELIVERY MODE
11/10/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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KED & ASSOCIATES, LLP
P.O. Box 8638
Reston VA 20195

In re Application of	:	
KIM et al.	:	DECISION ON PETITION
Application No. 13/277,567	:	TO MAKE SPECIAL UNDER
Filed: October 20, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 2257	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on October 20, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: TOMI-00025	Application Number (if known): N/A	Filing date: N/A
First Named Inventor: Meng-Hsiu Wu		
Title: Semiconductor Substrate		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. **See Instruction Sheet on page 2.**

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /CHENG-JU CHIANG/	Date October 20, 2011
Name (Print/Typed) CHENG-JU CHIANG	Registration Number 64,282

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature see below*.*

☐ *Total of ..... forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
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Instruction Sheet for Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111 (a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.:	TOMI-00025	Confirmation No.:	Unknown
Application No.:	Unknown	Group Art Unit:	Unknown
Filing Date:	Unknown	Examiner:	Unknown
Applicant(s):	Meng-Hsiu Wu et al.		
Title:	Semiconductor Substrate		

PETITION TO MAKE SPECIAL UNDER GREEN TECHNOLOGY PILOT PROGRAM PURSUANT TO 37 C.F.R §1.102 (c)

Date: October 20, 2011

MAIL STOP PATENT APPLICATIONS
COMMISSIONER FOR PATENTS
P. O. BOX 1450
ALEXANDRIA, VA 22313-1450

Dear Sir/Madam:

This is a petition from Applicant(s) to make the above-identified patent application special under the Green Technology Pilot Program so as to participate in the Green Technology Pilot Program for the above identified patent application.

In order to participate in such Pilot Program, the above identified patent application should meet requirement(s) as follows:

1) Such Application(s) should be timely filed electronically using the United States Patent and Trademark Office electronic filing system, EFS-Web.
2) Applicant(s) should request early publication and pay required publication fee(s).
3) A Statement of Special Status should be accompanied with such Petition.
4) Applicant(s) shall agree to elect without traverse in a telephone interview when the above identified patent application is decided not to contain a single invention.
5) Such Application(s) should contain no more than three independent claims and twenty dependent claims.
6) Such Application(s) should not contain multiple dependent claims.

Accordingly, Applicant(s) hereby submits that the above identified patent application accompanying this petition is a new non-provisional patent application and is going to be filed electronically via EFS-Web on October 20, 2011. Applicant(s) also hereby requests "Early Publication" under 37 C.F.R. §1.219 and is going to pay the required publication fee(s) together with the required filing fee(s) for the above identified patent application on October 20, 2011.

Attorney Docket No.: TOMI-00025 Petition Date: October 20, 2011

PETITION TO MAKE SPECIAL (CONTINUED)

Applicant(s) hereby submits that the above identified application is entitled as "Semiconductor Substrate" which is a semiconductor substrate having semiconductors used in Solar Cells for solar energy conservation, and its inventive subject matter is apparently related to "**Solar Cell**" technology. According to Federal Notice of December 8, 2009 for the Green Technology Pilot Program, "Solar Cell" is one of the eligible classifications (See "A. Alternative Energy Production, … 25. Solar Cells"). Besides, solar cell technology is a green energy technology which does not require energy material and does not generate CO_2. With respect to the discontinuous second anti-reflection layer including a plurality of photon conversion particles of the invention, the photon conversion particles convert the original wavelength of the incident light to a longer wavelength that is suitable for performing the photoelectric conversion. This configuration can increase the utility rate of the incident light and improve the photoelectric conversion efficiency. Accordingly, the above identified patent application should be qualified to participate in the Green Technology Pilot Program.

Applicant(s) hereby submits that the above identified patent application contains 15 claims, one of which is independent claim and the others are dependent claims. No multiple dependent claims are included in the above identified patent application. Applicant(s) hereby agrees to elect without traverse in a telephone interview if necessary.

No petition fee(s) is required for this petition under the Green Technology Pilot Program. However, any underpayment about this matter is authorized to charge to Deposit Account No. 50-4937, and any overpayment is requested to credit to the above indicated Deposit Account.

Immediate review of this petition and approval of this petition from the United States Patent and Trademark Office are earnestly solicited. If any question about this matter and further discussion is considered to be necessary, the undersigned is reachable telephonically and by email via the number and email address as shown below the printed name of the undersigned.

Respectfully Submitted

Meng-Hsiu Wu et al.

/CHENG-JU CHIANG/

CHENG-JU CHIANG
Patent Agent of the Record
Registration No. 64282
Customer No. 88174
Flash Intellectual Property, Inc.
P. O. Box 766, Chino, CA 91708
Telephone No.: 714-3909373; 714-6848041
Email: evonscjc@gmail.com

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/278,165	10/20/2011	MENG-HSIU WU	TOMI-00025	3463

88174 7590 11/15/2011

Flash Intellectual Property, Inc.
Attn. Cheng-Ju Chiang
P.O. Box 766
Chino, CA 91708

EXAMINER	
ART UNIT	PAPER NUMBER
2812	

MAIL DATE	DELIVERY MODE
11/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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P.O. Box 1450
Alexandria, VA 22313-1450
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Flash Intellectual Property, Inc.
Attn. Cheng-Ju Chiang
P.O. Box 766
Chino CA 91708

NOV 15 2011

In re Application of	:	
WU et al.	:	DECISION ON PETITION
Application No. 13/278,165	:	TO MAKE SPECIAL UNDER
Filed: October 20, 2010	:	THE GREEN TECHNOLOGY
Attorney Docket No. TOMI-00025	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on October 20, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/278,176	10/20/2011	John Adler III	SCRIBD-004DIV2	9485

95885 7590 11/22/2011
IPxLaw Group LLP and
Daniel R. Siegel
95 S. Market Street, Suite 570
San Jose, CA 95113

EXAMINER	
ART UNIT	PAPER NUMBER
2176	

MAIL DATE	DELIVERY MODE
11/22/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

IPxLaw Group LLP and
Daniel R. Siegel
95 S. Market Street, Suite 570
San Jose CA 95113

In re Application of:
ADLER III, John et al.
Serial No.: 13/278,176
Filed: October 20, 2011
Docket: **SCRIBD-004DIV3**
Title: **INTEGRATED DOCUMENT VIEWER**

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition filed on October 20, 2011 to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is **DENIED**.

REGULATION AND PRACTICE

A grantable petition to make special under 37 C.F.R. § 1.102(d) and pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published in the Federal Register on June 26, 2006 (71 Fed. Reg. 36323), must satisfy the following conditions:

I. Conditions Regarding the Application:

1. the application must be a non-reissue utility or design application filed under 37 C.F.R. § 1.111(a);

2. the application, the petition and the required fees must be filed electronically using the USPTO's electronic filing system (EFS), or EFS-web; if not filed electronically, a statement asserting that EFS and EFS-web were not available during the normal business hours.

3. at the time of filing, the application must be complete under 37 C.F.R. § 1.51 and in condition for examination;

4. The application must contain three or fewer independent claims and twenty or fewer total claims and the claims must be directed to a single invention.

The application as filed is not eligible for accelerated examination under 37 C.F.R. § 1.102(d) because it is a utility application filed under 37 C.F.R. § 1.111(a), but was not complete under 37 C.F.R. § 1.51, thus not in condition for examination at the time of filing. The mailing of the Notice To File Corrected Application Papers on October 28, 2011 is evidence that the application was not complete and in condition for examination at the time of filing.

Accordingly, the petition is **DENIED**.

The application will therefore be taken up by the examiner in its regular turn.

Any inquiry regarding this decision should be directed to Eddie C. Lee at (571) 272-1732.

/Eddie C. Lee/

Quality Assurance Specialist
Technology Center 2100

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 249504_1	Application Number (if known): 13/278222	Filing date: Oct. 21, 2011

First Named Inventor: Radoslaw Narel

Title: SYSTEM, CHARGING DEVICE, AND METHOD OF SUPPLYING CURRENT TO A POWER STORAGE DEVICE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement Concerning the Basis for the Special Status

Signature /sgm57678/	Date 10/21/2011
Name (Print/Typed) Stephen G. Midgley	Registration Number 57,678

***Note**: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program
(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/278,222	10/21/2011	Radoslaw Narel	249504	3230

45427 7590 11/17/2011

Armstrong Teasdale LLP (12552)
Patrick W. Rasche
7700 Forsyth Boulevard
Suite 1800
St. Louis, MO 63105

EXAMINER	
ART UNIT	PAPER NUMBER
2858	

NOTIFICATION DATE	DELIVERY MODE
11/17/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

uspatents@armstrongteasdale.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Armstrong Teasdale LLP (12552)
Patrick W. Rasche
7700 Forsyth Boulevard
Suite 1800
St. Louis MO 63105

NOV 17 2011

In re Application of	:	
Narel et al.	:	DECISION ON PETITION
Application No. 13/278,222	:	TO MAKE SPECIAL UNDER
Filed: October 21, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 249504	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on October 21, 2011 to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
Quality Assurance Specialist
Technology Center 2800

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 255292_1	Application Number (if known): 13/278255	Filing date: October 21, 2011

First Named Inventor: Radoslaw Narel et. al.

Title: SYSTEM, CHARGING DEVICE, AND METHOD OF CHARGING A POWER STORAGE DEVICE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement Concerning the Basis for the Special Status

Signature /sgm57678/	Date October 21, 2011
Name (Print/Typed) Stephen G. Midgley	Registration Number 57,678

***Note**: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program
(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Radoslaw Narel et. al.	)
Confirmation No.: 8575	)
	)
Serial No.: 13/278255	)
	)
Filing Date: October 21, 2011	)
	)
Atty Docket No.: 255292_1	)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Statement Concerning the Basis for the Special Status

SIR:

Applicant respectfully submits that the special status is sought on the basis that the present invention materially contributes to the development of renewable energy resources or energy conservation.

The undersigned attorney may be contacted at the number below to facilitate the resolution of any matters. Please charge any fees that are incurred in connection with this Statement to deposit account no. 09-0470.

Respectfully submitted,

General Electric Company

By : /sgm57678/
Stephen G. Midgley
Reg. No. 57,678
Attorney for Applicants

Dated: October 21, 2011

GE Global Patent Operation
2 Corporate Drive, Suite 648
Shelton, CT 06484
203-944-6755

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/278,255	10/21/2011	Radoslaw Narel	255292_1	8575

52082 7590 01/31/2012

General Electric Company
GE Global Patent Operation
2 Corporate Drive, Suite 648
Shelton, CT 06484

EXAMINER	
ART UNIT	PAPER NUMBER
2852	

NOTIFICATION DATE	DELIVERY MODE
01/31/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

gpo.mail@ge.com
allyson.carnaroli@ge.com

UNITED STATES PATENT AND TRADEMARK OFFICE

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P.O. Box 1450
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General Electric Company
GE Global Patent Operation
2 Corporate Drive, Suite 648
Shelton CT 06484

In re Application of	:	
NAREL et al.	:	DECISION ON PETITION
Application No. 13/278,255	:	TO MAKE SPECIAL UNDER
Filed: October 21, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No.: 255292_1	:	PILOT PROGRAM

This is a decision on the renewed petition under 37 CFR 1.102, filed on October 21, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

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Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

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OFFICE OF PETITIONS

KNOBBE MARTENS OLSON
& BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE CA 92614

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

In re Application of
SUZUKI
Application No.: 13/279,118
Filed: October 28, 2011
Attorney Docket No.: SUTOSH.768D1
For: SEMICONDUCTOR STORAGE DEVICE AND CONTROL METHOD THEREOF

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed October 31, 2011, to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PPH pilot program and petition to make special require:

1. The U.S. application is

   a. a Paris Convention application which either
      i. validly claims priority under 35 U.S.C. 119(a) and 37 CFR 1.55 to one or more applications filed in the JPO, or
      ii. validly claims priority to a PCT application that contains no priority claims, or
   b. a national stage application under the PCT (an application which entered the national stage in the U.S. from a PCT international application after compliance with 35 U.S.C. 371), which PCT application
      i. validly claims priority to an application filed in the JPO, or
      ii. validly claims priority to a PCT application that contains no priority claims, or
      iii. contains no priority claim, or

c. a so-called bypass application filed under 35 U.S.C. 111(a) which validly claims benefit under 35 U.S.C. 120 to a PCT application, which PCT application
    i. validly claims priority to an application filed in the JPO, or
    ii. validly claims priority to a PCT application that contains no priority claims, or
    iii. contains no priority claim;

2. Applicant must submit a copy of:
    a. The allowable/patentable claim(s) from the JPO application(s);
    b. An English translation of the allowable/patentable claim(s) and
    c. A statement that the English translation is accurate;
3. Applicant must:
    a. Ensure all the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the JPO application(s) and
    b. Submit a claims correspondence table in English;
4. Examination of the U.S. application has not begun;
5. Applicant must submit:
    a. Documentation of prior office action:
        i. a copy of the office action(s) just prior to the "Decision to Grant a Patent" from each of the JPO application(s) containing the allowable/patentable claim(s) or
        ii. if the allowable/patentable claims(s) are from a "Notification of Reasons for Refusal" then the Notification of Reasons for Refusal or
        iii. if the JPO application is a first action allowance then no office action from the JPO is necessary should be indicated on the request/petition form;
    b. An English language translation of the JPO Office action from (5)(a)(i)-(ii) above
    c. A statement that the English translation is accurate;
6. Applicant must submit:
    a. An IDS listing the documents cited by the JPO examiner in the JPO office action (unless already submitted in this application)
    b. Copies of the documents except U.S. patents or U.S. patent application publications (unless already submitted in this application);

The request to participate in the PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Inquiries concerning this decision should be directed to Diane Goodwyn at 571-272-6735.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application is being forwarded to Technology Center Art Unit 2188 for action on the merits commensurate with this decision.

David A. Bucci
Petitions Examiner
Office of Petitions

Attorney Docket No. GEVO-041/15US 310142-2265 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re App'n of: Andrew C. HAWKINS *et al.* Confirmation No.: *To Be Assigned*

Serial No.: *To Be Assigned* (CIP of 13/228,342) Group Art Unit: *To Be Assigned*

Filed: October 21, 2011 Examiner: *To Be Assigned*

For: **METHODS OF INCREASING DIHYDROXY ACID DEHYDRATASE ACTIVITY TO IMPROVE PRODUCTION OF FUELS, CHEMICALS, AND AMINO ACIDS**

VIA EFS-WEB

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO MAKE SPECIAL

STATEMENT OF SPECIAL STATUS AND REQUEST TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM

Dear Sir,

Submitted herewith is the completed USPTO form PTO/SB/420 and a Petition to Make Special Pursuant to the Federal Register Notice of December 8, 2009, Vol. 74, No. 234, pp. 64666-8, to participate in the Green Technology Pilot Program as described in said Notice.

The above-reference application has been not yet been published. In accordance with the requirements for the Pilot Program, please charge Deposit Account No. 50-1283 for the publication fee set forth in 37 CFR 1.18(d).

Applicants submit that the application is directed to a single invention that relates to the development of renewable components for fuel blends, and as such, the claimed invention materially contributes to the discovery or development of renewable energy resources, enhances the quality of the environment and results in a more efficient utilization and conservation of energy resources.

If participation in the Green Technology Pilot Program is granted, Applicants hereby agree to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirement if the Office determines that the claims are not directed to a single invention.

Filed concurrently with this petition is a continuation-in-part application which claims priority to US Patent Application No. 13/228,342 under 35 U.S.C. §120. The continuation-in-part application submitted herewith contains no more than three independent claims and twenty total claims and does not contain any multiple dependent claims.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 50-1283.

Dated: October 21, 2011

Respectfully submitted,
COOLEY LLP

CUSTOMER NO. 58249

By: /Paul A. Wickman/
Paul A. Wickman
Reg. No. 61,242

COOLEY LLP
ATTN: Patent Group
777 6th Street NW, Suite 1100
Washington, DC 20001
Tel: (720) 566-4250
Fax: (202) 842-7899

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: GEVO-041/15US	Application Number (if known): Not Yet Assigned	Filing date: October 21, 2011
First Named Inventor: Andrew C. HAWKINS		
Title: METHODS OF INCREASING DIHYDROXY ACID DEHYDRATASE ACTIVITY TO IMPROVE PRODUCTION OF FUELS, CHEMICALS, AND...		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement of Special Status

Signature /Paul A. Wickman/	Date October 21, 2011
Name (Print/Typed) Paul A. Wickman	Registration Number 61,242

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature see below*.*

☒ *Total of 1 forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Instruction Sheet for Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111 (a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/279,166	10/21/2011	Andrew C. HAWKINS	GEVO-041/15US 310142-2265	9230

58249 7590 11/17/2011

COOLEY LLP
ATTN: Patent Group
Suite 1100
777 - 6th Street, NW
WASHINGTON, DC 20001

EXAMINER	
ART UNIT	PAPER NUMBER
1656	

MAIL DATE	DELIVERY MODE
11/17/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
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NOV 17 2011

COOLEY LLP
ATTN: Patent Group
Suite 1100
777 - 6th Street, NW
WASHINGTON DC 20001

In re Application of :

HAWKINS, Andrew *et al.*	:	DECISION ON PETITION
Application No. 13/279166	:	TO MAKE SPECIAL UNDER
Filed: October 21, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. GEVO-041/15US 310142-2265	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed October 21, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Manjunath Rao at 571-272-0939.

The application is being forwarded to the Technology Center Art Unit 1656 for action on the merits commensurate with this decision.

/Manjunath Rao/

Manjunath Rao
Supervisory Patent Examiner &
POC for TC 1600 Green Tech Petitions
Technology Center 1600

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/279,376	10/24/2011	Gregg D. Wilensky	07844-0720002 / P666 C1	2355

21876 7590 02/16/2012

FISH & RICHARDSON P.C.
P.O. Box 1022
MINNEAPOLIS, MN 55440-1022

EXAMINER	
DRENNAN, BARRY T	
ART UNIT	PAPER NUMBER
2624	

NOTIFICATION DATE	DELIVERY MODE
02/16/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

PATDOCTC@fr.com

UNITED STATES PATENT AND TRADEMARK OFFICE

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FISH & RICHARDSON P.C.
P.O. Box 1022
MINNEAPOLIS MN 55440-1022

In re Application of
Gregg Wilensky, *et al*
Serial No.: 13/279376
Filed: Oct. 24th, 2011

DECISION ON PETITION
ACCEPTANCE OF COLOR DRAWINGS

For:
93 /NOTICE OF ALLOWANCE MAILED – APPLICATION RECEIVED IN OFFICE OF PUBLICATIONS

This is a decision on the petition under 37 CFR §1.184(a)(2), filed October24th, 2011 requesting acceptance of color drawings.

The petition requests that the color drawings identified in FIGS.1-16 be accepted in lieu of black and white drawings.

A grantable petition under 37 C.F.R. §1.84(a)(2) must be accompanied by a fee set forth under 37 C.F.R. § 1.17(h), 3 (three) sets of the color drawings in question, and the specification must contain, or be amended to contain, the following language as the first paragraph in that portion of the specification relating to the brief description of the drawings:

"The file of this patent contains at least one drawing executed in color. Copies of this patent with color drawing(s) will be provided by the Patent and Trademark Office upon request and payment of the necessary fee."

The petition is GRANTED.

John Peng
Quality Assurance Specialist
Technology Center 2600
Communications

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Gregory A. Nelson
Novak Druce & Quigg LLP
525 Okeechobee Blvd
Suite 1500
West Palm Beach FL 33401

MAILED

DEC 19 2011

OFFICE OF PETITIONS

In re Application of :
BAUMGART et al. :
Application No. 13/279,426 : DECISION ON PETITION
Filed: October 24, 2011 :
Attorney Docket No. 7967-39-1CIP :

This is in response to the petition under 37 CFR 1.57(a), filed November 21, 2011, which is being treated as a petition under 37 CFR 1.53(e)(2) requesting that the above-referenced application be accorded a filing date of October 24, 2011.

The application papers in the above-identified application were deposited on October 24, 2011. On November 9, 2011, the Office of Patent Application Processing mailed applicants a Notice of Incomplete Nonprovisional Application notifying applicants that the application papers had not been accorded a filing date because the application was deposited without drawings.

On November 21, 2011, applicants filed the present petition and a $400.00 petition fee. Applicants request entry of the inadvertently omitted drawings on the basis that the application as filed contains a claim under 37 CFR 1.78 for the benefit of a prior-filed PCT application and that the inadvertently omitted drawings are contained in that prior-filed application. Applicants provided a copy of the omitted drawings with the present petition.

A review of the application confirms the application, as filed, contains at least one method claim. MPEP § 601.01(f) provides: "It has been USPTO practice to treat an application that contains at least one process or method claim as an application for which a drawing is not necessary for an understanding of the invention under 35 U.S.C. 113 (first sentence)." Thus, pursuant to MPEP § 601.01(f), a drawing is not considered essential for a filing date. The present application is entitled to a filing date without drawings present in the application. Accordingly, the Office should have granted the application a filing date and mailed a Notice of Omitted Items instead of a Notice of Incomplete Nonprovisional Application.

As stated in MPEP § 601.01(g) under the section entitled, "Application Entitled to a Filing Date," applicants may submit an amendment to include the inadvertently omitted portion of the drawing(s) pursuant to 37 CFR 1.57(a):

> [i]f an application was filed on or after September 21, 2004, and contains a claim under 37 CFR 1.55 for priority of a prior-filed foreign application, or a claim under 37 CFR 1.78 for the benefit of a prior-filed provisional, nonprovisional, or international application that was present on the filing date of the application, and the omitted portion of the drawing(s) was inadvertently omitted from the application and is completely contained in the prior-filed application[.]

Any amendment requesting entry of the inadvertently omitted drawings must comply with 37 CFR 1.57(a) and 37 CFR 1.121 and will be considered by the examiner. See MPEP § 201.17.

The petition is **GRANTED** to the extent the application will be accorded a filing date of October 24, 2011, with no drawings as part of the original disclosure.

Given the basis for granting this petition, the $400.00 petition fee is being refunded.

Pursuant to this decision, the application will be referred to Office of Patent Application Processing for:

- **correction of the filing date to October 24, 2011;**
- **for indication in Office records, as appropriate, that "0" sheets of drawings were present on filing, and;**
- **for issuance of a filing receipt.**

Applicants may request entry of the omitted figures by filing an amendment with the examiner prior to the first Office action on the merits. The determination of new matter will be made by the examiner.

Telephone inquiries concerning this matter may be directed to Christina Tartera Donnell, Senior Petitions Attorney at (571) 272-3211.

Anthony Knight
Director
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

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Alexandria, VA 22313-1450
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WENDEROTH, LIND & PONACK, L.L.P.
1030 15TH STREET, N.W.,
SUITE 400 EAST
WASHINGTON DC 20005-1503

MAILED

DEC 05 2011

OFFICE OF PETITIONS

In re Application of :
Gholam A. Peyman :
Application No. 13/279,584 :
Filed: October 24, 2011
Attorney Docket No. 2011_1643 :
:

ON PETITION

This is a decision on the petition under 37 CFR 1.102(c)(1), filed October 24, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement by applicant's attorney that applicant is 65 years of age and a Declaration from applicant that applicant is 65 years of age. Accordingly, the above-identified application has been accorded "special" status.

It is not apparent whether the person signing the instant petition was ever given a power of attorney or authorization of agent to prosecute this patent application. In accordance with 37 CFR 1.34(a), the signature of appearing on the petition shall constitute a representation to the United States Patent and Trademark Office that he/she is authorized to represent the particular party in whose behalf he/she acts.

Telephone inquiries concerning this decision should be directed to the undersigned at 571-272-7751. All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being referred to the Office of Patent Application Processing for further processing in accordance with this decision on petition.

/Joan Olszewski/
Joan Olszewski
Petitions Examiner
Office of Petitions

Doc Code: PPH.PCT.652
Document Description: Petition to make special under PCT-Patent Pros Hwy

PTO/SB/20PCT-AU (01-11)
Approved for use through 01/31/2012. OMB 0651-0058
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PATENT COOPERATION TREATY - PATENT PROSECUTION HIGHWAY (PCT-PPH) PILOT PROGRAM BETWEEN THE IP AUSTRALIA (IPAU) AND THE USPTO

Application No:		Filing date:	10/24/2011
First Named Inventor:	Doyeol Ahn		
Title of the Invention:	Copper Blend I-VII Compound Semiconductor Light-Emitting Devices		

THIS REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM ALONG WITH THE REQUIRED DOCUMENTS MUST BE SUBMITTED VIA EFS-WEB. INFORMATION REGARDING EFS-WEB IS AVAILABLE AT HTTP://WWW.USPTO.GOV/EBC/EFS_HELP.HTML

APPLICANT HEREBY REQUESTS PARTICIPATION IN THE PCT-PPH PROGRAM AND PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE PCT-PPH PROGRAM.

The above-identified application is (1) a national stage entry of the corresponding PCT application, or (2) a national stage entry of another PCT application which claims priority to the corresponding PCT application, or (3) a national application that claims domestic/ foreign priority to the corresponding PCT application, or (4) a national application which forms the basis for the priority claim in the corresponding PCT application, or (5) a continuing application of a U.S. application that satisfies one of (1) to (4) above, or (6) a U.S. application that claims domestic benefit to a U.S. provisional application which forms the basis for the priority claim in the corresponding PCT application.

The corresponding PCT application number(s) is/are: PCT/KR2010/008118

The international filing date of the corresponding PCT application(s) is/are: 11/17/2010

I. List of Required Documents:

a. **A copy of the latest international work product (WO/ISA, WO/IPEA, or IPER) in the above–identified corresponding PCT application(s)**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

b. **A copy of all claims which were indicated as having novelty, inventive step and industrial applicability in the above-identified corresponding PCT application(s).**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

c. **English translations of the documents in a. and b. above are attached (if the documents are not in the English language). A statement that the English translation is accurate is attached for the document in b. above.**

This collection of information is required by 35 U.S.C. 119, 37 CFR 1.55, and 37 CFR 1.102(d). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

PTO/SB/20PCT-AU (01-11)
Approved for use through 01/31/2012. OMB 0651-0058
U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM BETWEEN THE IPAU AND THE USPTO

(continued)

Application No.:	
First Named Inventor:	Doyeol Ahn

d. **(1) An information disclosure statement listing the documents cited in the international work products (ISR, WO/ISA, WO/IPEA, IPER) of the corresponding PCT application.**

☑ Is attached

☐ Has already been filed in the above-identified U.S. application on _____

(2) Copies of all documents (except) for U.S. patents or U.S. patent application publications)

☑ Are attached.

☐ Have already been filed in the above-identified U.S. application on _____

II. Claims Correspondence Table:

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
21-32	1-12	Method claims correspond to PCT apparatus claims

III. All the claims in the US application sufficiently correspond to the patentable claims in the corresponding PCT application.

Signature /Thomas C. Richmond/	Date 10/24/2011
Name (Print/Typed) Thomas C. Richmond	Registration Number 68,271

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	Application Number (if known):	Filing date: 10.24.2011

First Named Inventor: Richard Travis West

Title: BIPOLAR PHOTOVOLTAIC ARRAY GROUNDING APPARATUS AND METHOD

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Materiality Standard Support Document (sheet 4)

Signature /Richard Travis West/	Date 10.24.2011
Name (Print/Typed) Richard Travis West	Registration Number

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Green Technology Pilot Program
Materiality Standard Support Document

Title: BIPOLAR PHOTOVOLTAIC ARRAY GROUNDING APPARATUS AND METHOD

Inventor: Richard Travis West

Date: 24 October, 2011

The basis for seeking special status is that the claimed invention materially contributes to the development of renewable energy resources, specifically solar photovoltaics. The invention also supports environmental quality and green house gas emission reduction by making solar power more cost competitive with fossil fuel generators.

The invention is an apparatus and method for safely disconnecting a bipolar photovoltaic array from earth ground under normal static operating conditions. The invention senses the voltage to earth on all three terminals of a bipolar photovoltaic array and uses a set of operable contacts to selectively couple or uncouple the DC neutral point of the array, the center tap, to earth ground. When all three terminals of the bipolar array are within the rated voltage capability of the photovoltaic array, the DC neutral point is allowed to float.

All claims in the application are specific to solar photovoltaics.

A primary utility of the invention is that it enables a National Electric Code and an Underwriters Laboratories code-compliant bipolar photovoltaic system to be directly grid-tied at a standard grounded Wye electrical service without requiring a heavy, inefficient and costly distribution transformer. In addition, the significant carbon footprint associated the manufacturing and transportation of the distribution transformer is eliminated, yielding a greener renewable energy system solution.

Respectfully,

/Richard Travis West/

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/279,950	10/24/2011	Richard Travis West		7017

7590 11/18/2011

Rick West
PO Box 88
San Simeon, CA 93452-0088

EXAMINER	
ART UNIT	PAPER NUMBER
1725	

MAIL DATE	DELIVERY MODE
11/18/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
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P.O. Box 1450
Alexandria, VA 22313-1450
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11/18/11

Rick West
PO Box 88
San Simeon CA 93452-0088

In re Application of	:	
West	:	DECISION ON PETITION
Application No. 13/279,950	:	TO MAKE SPECIAL UNDER
Filed: 10/24/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No.	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 10/24/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1725 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

McDERMOTT WILL & EMERY, LLP
600 13th Street, N.W.
Washington, DC 20005-3096

MAILED

MAR 14 2012

OFFICE OF PETITIONS

In re Application of
Takakiyo Harigai, et. al.
Application No.: 13/280,022
Filed: October 24, 2011
Attorney Docket No.: 083710-0104
For: PIEZOELECTRIC FILM, INK JET HEAD, METHOD OF FORMING IMAGE BY THE INK JET HEAD, ANGULAR VELOCITY SENSOR, METHOD OF MEASURING ANGULAR VELOCITY BY THE ANGULAR VELOCITY SENSOR, PIEZOELECTRIC GENEARATING ELEMENT, AND METHOD OF GENERATING ELECTRIC POWER USING THE PIEZOELCTRIC GENERATING ELEMENT

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed December 15, 2011, to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PPH pilot program and petition to make special require:

1. The U.S. application is

    a. a Paris Convention application which either
        i. validly claims priority under 35 U.S.C. 119(a) and 37 CFR 1.55 to one or more applications filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
    b. a national stage application under the PCT (an application which entered the national stage in the U.S. from a PCT international application after compliance with 35 U.S.C. 371), which PCT application
        i. validly claims priority to an application filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
        iii. contains no priority claim, or

   c. a so-called bypass application filed under 35 U.S.C. 111(a) which validly claims benefit under 35 U.S.C. 120 to a PCT application, which PCT application
      i. validly claims priority to an application filed in the JPO, or
      ii. validly claims priority to a PCT application that contains no priority claims, or
      iii. contains no priority claim;
2. Applicant must submit a copy of:
   a. The allowable/patentable claim(s) from the JPO application(s);
   b. An English translation of the allowable/patentable claim(s) and
   c. A statement that the English translation is accurate;
3. Applicant must:
   a. Ensure all the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the JPO application(s) and
   b. Submit a claims correspondence table in English;
4. Examination of the U.S. application has not begun;
5. Applicant must submit:
   a. Documentation of prior office action:
      i. a copy of the office action(s) just prior to the "Decision to Grant a Patent" from each of the JPO application(s) containing the allowable/patentable claim(s) or
      ii. if the allowable/patentable claims(s) are from a "Notification of Reasons for Refusal" then the Notification of Reasons for Refusal or
      iii. if the JPO application is a first action allowance then no office action from the JPO is necessary should be indicated on the request/petition form;
   b. An English language translation of the JPO Office action from (5)(a)(i)-(ii) above
   c. A statement that the English translation is accurate;
6. Applicant must submit:
   a. An IDS listing the documents cited by the JPO examiner in the JPO office action (unless already submitted in this application)
   b. Copies of the documents except U.S. patents or U.S. patent application publications (unless already submitted in this application);

The request to participate in the PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Inquiries concerning this decision should be directed to the undersigned at (571) 272-3226. All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application will be forwarded to the examiner for action on the merits commensurate with this decision.

/Andrea Smith/
Andrea Smith
Petitions Examiner
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

In re Application of
John Browder

Application No. 13280055

Filed: October 24,2011

Attorney Docket No. U2011003.CIP

:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 14-NOV-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13280055	Confirmation Number	3713	Filing Date	2011-10-24
Attorney Docket Number (optional)	U2011003.CIP	Art Unit	1775	Examiner	
First Named Inventor	John Browder				
Title of Invention	FRAGRANCE PRODUCING LIGHTING DEVICE				

Attention: Office of Petitions

An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
John		Browder	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

◉ (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Brian E. Harris, 48,383/	Date (YYYY-MM-DD)	2011-11-14
Name	Brian E. Harris	Registration Number	48383

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/280,190	10/24/2011	Seigo Nakao	733156.411C3	8932

96896 7590 11/15/2011
Seed Intellectual Property Law Group PLLC
701 Fifth Avenue, Suite 5400
Seattle, WA 98104

EXAMINER	
ART UNIT	PAPER NUMBER
2611	

NOTIFICATION DATE	DELIVERY MODE
11/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentinfo@seedip.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Seed Intellectual Property Law Group PLLC
701 Fifth Avenue, Suite 5400
Seattle WA 98104

In re Application of
NAKAO et al.
Application No.: 13/280,190
Filed: 24 October 2011
Attorney Docket No.: 733156.411C3
For: RADIO COMMUNICATION APPARATUS AND RESPONSE SIGNAL SPREADING METHOD

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed 25 October 2011, to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PPH pilot program and petition to make special require:

1. The U.S. application is

    a. a Paris Convention application which either
        i. validly claims priority under 35 U.S.C. 119(a) and 37 CFR 1.55 to one or more applications filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
    b. a national stage application under the PCT (an application which entered the national stage in the U.S. from a PCT international application after compliance with 35 U.S.C. 371), which PCT application
        i. validly claims priority to an application filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
        iii. contains no priority claim, or
    c. a so-called bypass application filed under 35 U.S.C. 111(a) which validly claims benefit under 35 U.S.C. 120 to a PCT application, which PCT application
        i. validly claims priority to an application filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or

iii. contains no priority claim;

2. Applicant must submit a copy of:
   a. The allowable/patentable claim(s) from the JPO application(s);
   b. An English translation of the allowable/patentable claim(s) and
   c. A statement that the English translation is accurate;
3. Applicant must:
   a. Ensure all the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the JPO application(s) and
   b. Submit a claims correspondence table in English;
4. Examination of the U.S. application has not begun;
5. Applicant must submit:
   a. Documentation of prior office action:
      i. a copy of the office action(s) just prior to the "Decision to Grant a Patent" from each of the JPO application(s) containing the allowable/patentable claim(s) or
      ii. if the allowable/patentable claims(s) are from a "Notification of Reasons for Refusal" then the Notification of Reasons for Refusal or
      iii. if the JPO application is a first action allowance then no office action from the JPO is necessary should be indicated on the request/petition form;
   b. An English language translation of the JPO Office action from (5)(a)(i)-(ii) above
   c. A statement that the English translation is accurate;
6. Applicant must submit:
   a. An IDS listing the documents cited by the JPO examiner in the JPO office action (unless already submitted in this application)
   b. Copies of the documents except U.S. patents or U.S. patent application publications (unless already submitted in this application);

The request to participate in the PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Inquiries concerning this decision should be directed to Lee W. Young at 571-272-4549.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application will be forwarded to the examiner for action on the merits commensurate with this decision once this application's formality reviews have been completed.

Lee W. Young
Quality Assurance Specialist
Technology Center 2600

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
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P.O. Box 1450
Alexandria, VA 22313-1450
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Schwabe Williamson & Wyatt
PACWEST CENTER, SUITE 1900
1211 SW FIFTH AVENUE
PORTLAND OR 97204

MAILED

NOV 07 2011

OFFICE OF PETITIONS

In re Application of :
Michael R. Oliver :
Application No. 13/280,261 : DECISION ON PETITION
Filed: October 24, 2011 : TO MAKE SPECIAL UNDER
Attorney Docket No. **SAL 0013 PA/40675.22** : 37 CFR 1.102(c)(1)
:

This is a decision on the petition under 37 CFR 1.102(c)(1), filed October 24, 2011, to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement by a registered attorney. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to JoAnne Burke at 571-272-4584.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being forwarded to the Office of Patent Application Processing (OPAP) for action on the merits commensurate with this decision.

/JoAnne Burke/
JoAnne Burke
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: HI-0702	Application Number (if known): 13/280,573	Filing date: October 25, 2011

First Named Inventor: Hwan Hee JEONG

Title: LIGHT EMITTING DEVICE, METHOD FOR FABRICATING THE LIGHT EMITTING DEVICE, LIGHT EMITTING DEVICE PACKAGE AND LIGHTING SYSTEM

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date October 25, 2011
Name (Print/Typed) Daniel Y.J. Kim	Registration Number 36,186

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 2 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No.: **HI-0702** PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of		Confirmation No.:	**9824**
Hwan Hee JEONG		Group Art Unit:	**To Be Assigned**
Serial No.:	**13/280,573**	Examiner:	**To Be Assigned**
Filed:	**October 25, 2011**	Customer No.:	**34610**

For: **LIGHT EMITTING DEVICE, METHOD FOR FABRICATING THE LIGHT EMITTING DEVICE, LIGHT EMITTING DEVICE PACKAGE AND LIGHTING SYSTEM**

STATEMENT OF SPECIAL STATUS FOR ELIGIBILITY UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

U.S. Patent and Trademark Office
Customer Service Window, **MAIL STOP PETITIONS**
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

Special status is sought under 37 CFR §1.102 because the invention materially contributes to the more efficient utilization and conservation of energy resources.

Respectfully submitted,
KED & ASSOCIATES, LLP

Daniel Y.J. Kim
Registration No. 36,186

Correspondence Address:
P.O. Box 8638
Reston, VA 20195
703 766-3777 DYK/dak
Date: October 25, 2011
Please direct all correspondence to Customer Number 34610
Q:\Documents\2019-1261\301673

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/280,573	10/25/2011	Hwan Hee JEONG	HI-0702	9824

34610 7590 12/01/2011

KED & ASSOCIATES, LLP
P.O. Box 8638
Reston, VA 20195

EXAMINER	
ART UNIT	PAPER NUMBER
2811	

MAIL DATE	DELIVERY MODE
12/01/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

KED & ASSOCIATES, LLP
P.O. Box 8638
Reston VA 20195

DEC 1 2011

In re Application of :
JEONG, HWAN HEE :
Application No. 13/280,573 :
Filed: October 25, 2011 :
Attorney Docket No. HI-0702 :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on October 25, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: PBC-0325	Application Number (if known): 13/280,669	Filing date: October 25, 2011

First Named Inventor: SoJung KIM

Title: LIGHT EMITTING DEVICE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date October 25, 2011
Name (Print/Typed) Daniel Y.J. Kim	Registration Number 36,186

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 2 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No.: **PBC-0325** PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	Confirmation No.: **8853**
SoJung KIM; HwanHee JEONG; DukHyun PARK; June0 Song and KwangKi CHOI	Group Art Unit: **To Be Assigned**
Serial No.: **13/280,669**	Examiner: **To Be Assigned**
Filed: **October 25, 2011**	Customer No.: **34610**

For: **LIGHT EMITTING DEVICE**

STATEMENT OF SPECIAL STATUS FOR ELIGIBILITY UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

U.S. Patent and Trademark Office
Customer Service Window, **MAIL STOP PETITIONS**
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

Special status is sought under 37 CFR §1.102 because the invention materially contributes to the more efficient utilization and conservation of energy resources.

Respectfully submitted,
KED & ASSOCIATES, LLP

Daniel Y.J. Kim
Registration No. 36,186

Correspondence Address:
P.O. Box 8638
Reston, VA 20195
703 766-3777 DYK/dak
Date: October 25, 2011
Please direct all correspondence to Customer Number 34610
Q:\Documents\2122-325\301699

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/280,669	10/25/2011	SoJung KIM	PBC-0325	8853

34610 7590 12/01/2011

KED & ASSOCIATES, LLP
P.O. Box 8638
Reston, VA 20195

EXAMINER	
ART UNIT	PAPER NUMBER
2811	

MAIL DATE	DELIVERY MODE
12/01/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

KED & ASSOCIATES, LLP
P.O. Box 8638
Reston VA 20195

DEC 1 2011

In re Application of :
KIM et al. : DECISION ON PETITION
Application No. 13/280,669 : TO MAKE SPECIAL UNDER
Filed: October 25, 2011 : THE GREEN TECHNOLOGY
Attorney Docket No. PBC-0325 : PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on October 25, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/280,836	10/25/2011	Richard Jacobsen		2203

18327 7590 12/07/2011

Richard A. Jacobsen
3300 N. Tenaya Way Apt 1024
Las Vegas, NV 89129

EXAMINER	
SPRINGER, STEPHANIE K	

ART UNIT	PAPER NUMBER
1629	

MAIL DATE	DELIVERY MODE
12/07/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Richard A. Jacobsen
3300 N. Tenaya Way Apt 1024
Las Vegas NV 89129

In re Application of:
Richard Jacobsen

Serial No.: 13/280,836

Filed: : October 25, 2011

Docket: **none**

Title: **COMPOSITIONS AND METHOD FOR TEMPORARY REDUCTION OF NASAL AND SINUS PAIN**

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition of October 25, 2011, to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is GRANTED.

The application is eligible for accelerated examination and the petition complies with the conditions for granting the application special status pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published June 26, 2006, in the Federal Register. (71 Fed. Reg. 36323).

The prosecution of the instant application will be conducted expeditiously according to the following guidelines.

1. The application will be docketed to an examiner and taken up for action within two weeks of the date of this decision.

2. Restriction Practice:
If the examiner determines that the claims are not directed to a single invention, a telephone request to elect one single invention will be made pursuant to MPEP 812.01. As a prerequisite to the grant of this petition, the applicant has agreed to make an oral

election, by telephone, without traverse. If the applicant refuses to make an election without traverse, or the examiner cannot reach the applicant after a reasonable effort, the examiner will treat the first claimed invention (invention defined by claim 1) as having being constructively elected without traverse for examination.

3. Office action:
If it is determined that, after appropriate consultation, there is a potential rejection or any other issue to be addressed, the examiner will telephone the applicant and arrange an interview to discuss and resolve the issue. An Office action, other than a Notice of Allowance and Fee(s) Due (Notice of Allowance), will not be issued unless either: 1) an interview was conducted but did not result in agreed to action that places the application in condition for allowance, or, 2) a determination is made that an interview would be unlikely to result in the application being placed in condition for allowance, and 3) an internal conference has been held to review any rejection of any claim.

4. Time for Reply:
An Office action other than a Notice of Allowance or a final Office action will set a shortened statutory period of one month or thirty days, whichever is longer, for reply with no extension of time available under 37 CFR 1.136(a). Failure to timely file a reply within this non-extendible period for reply will result in the abandonment of the application.

5. Reply by Applicant:
A timely reply to an Office action other than the Notice of Allowance must be submitted electronically via EFS or EFS-web and limited to addressing the rejections, objections and requirement made. Any amendment that attempts to: 1) add claims which would result in more than three pending independent claims or more than twenty pending total claims; 2) present claims not encompassed by the pre-examination search or an updated accelerated examination support document; or 3) present claims that are directed a non-elected invention or an invention other than that previously claimed and examined in the application, will be treated as not fully responsive and will not be entered.

For any amendment to the claims (including any new claim) that is not encompassed by the accelerated examination support document, applicant must provide an updated accelerated examination support document that encompasses the amended or new claims at the time of filing of the amendment.

To proceed expeditiously with the examination, it is recommended that a reply with amendments made to any claim or with any new claim being added be accompanied by an updated accelerated examination support document or a statement explaining how the amended or new claim is supported by the original accelerated examination support document.

6. Information Disclosure Statement (IDS):

7. Any IDS filed during prosecution must be submitted electronically via EFS or EFS-web, accompanied by an updated accelerated examination support document, and be in compliance with 37 CFR 1.97 and 1.98.

8. Post-Allowance Processing:
   To expedite processing of the allowed application into a patent, the applicant must: 1) pay the required fees within one month of the date of the Notice of Allowance, and 2) not file any post allowance papers not required by the Office. In no event may the issue fee be paid and accepted later than three months from the date of the Notice of Allowance.

9. After-Final and Appeal Procedures:
   To expedite prosecution, after receiving the final Office action, applicant must: 1) promptly file a notice of appeal, an appeal brief and appeal fees; and 2) not request a pre-appeal brief conference.

   Any amendment, affidavit or other evidence filed after final Office action must comply with applicable rules and the requirements outlined in numbered paragraphs 5 and 6 above.

   On appeal, the application will proceed according to normal appeal procedures. After appeal, the application will again be treated special.

10. Proceedings Outside the Normal Examination Process:
    If the application becomes involved in a proceeding that is outside the normal examination process (e.g., a secrecy order, national security review, interference proceeding, petitions under 37 CFR 1.181, 182 or 183), the application will be treated special before and after such proceeding.

11. Final Disposition:
    The twelve month goal of this accelerated examination procedure ends with a final disposition. The mailing of a final Office action, a Notice of Allowance, the filing of a Notice of Appeal, or the filing of a Request for Continued Examination (RCE) is the final disposition.

If, during prosecution, a paper is not filed electronically using EFS-web, a reply is filed but is not fully responsive, the application is involved in an appeal, or a proceeding outside normal examination process, the application will still be examined expeditiously, however, the final disposition may occur more than twelve months from the filing of the application.

Any inquiry regarding this decision should be directed to Marianne C. Seidel, Quality Assurance Specialist, at (571) 272-0584.

/MC Seidel/
Marianne C. Seidel, Quality Assurance Specialist
Technology Center 1600

Doc Code: PPH.PCT.652
Document Description: Petition to make special under PCT-Patent Pros Hwy

PTO/SB/20PCT-US (09-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PATENT COOPERATION TREATY - PATENT PROSECUTION HIGHWAY (PCT-PPH) PILOT PROGRAM IN A U.S. APPLICATION WHERE THE USPTO WAS THE ISA OR IPEA

Application No:	Unknown	Filing date:	October 25, 2011
First Named Inventor:	David A. Ferrera		
Title of the Invention:	THROMBUS MANAGEMENT DEVICE		

THIS REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM ALONG WITH THE REQUIRED DOCUMENTS MUST BE SUBMITTED VIA EFS-WEB. INFORMATION REGARDING EFS-WEB IS AVAILABLE AT HTTP://WWW.USPTO.GOV/EBC/EFS_HELP.HTML

APPLICANT HEREBY REQUESTS PARTICIPATION IN THE PCT-PPH PROGRAM AND PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE PCT-PPH PROGRAM.

The above-identified application is (1) a national stage entry of the corresponding PCT application, or (2) a national stage entry of another PCT application which claims priority to the corresponding PCT application, or (3) a national application that claims domestic/ foreign priority to the corresponding PCT application, or (4) a national application which forms the basis for the priority claim in the corresponding PCT application, or (5) a continuing application of a U.S. application that satisfies one of (1) to (4) above, or (6) a U.S. application that claims domestic benefit to a U.S. provisional application which forms the basis for the priority claim in the corresponding PCT application.

The corresponding PCT application number(s) is/are: PCT/US2010/062532

The international date of the corresponding PCT application(s) is/are:

December 30, 2010

I. List of Required Documents:

a. **A copy of the latest international work product (WO/ISA, WO/IPEA, or IPER) in the above–identified corresponding PCT application(s)**

☒ Is attached

☐ Is not attached because the document is already in the U.S. application.

b. **A copy of all claims which were indicated as having novelty, inventive step and industrial applicability in the above-identified corresponding PCT application(s).**

☒ Is attached.

☐ Is not attached because the document is already in the U.S. application.

c. **English translations of the documents in a. and b. above are attached (if the documents are not in the English language). A statement that the English translation is accurate is attached for the document in b. above.**

This collection of information is required by 35 U.S.C. 119, 37 CFR 1.55, and 37 CFR 1.102(d). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

PTO/SB/20PCT-US (09-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM IN A U.S. APPLICATION WHERE THE USPTO WAS THE ISA OR IPEA (continued)

Application No.:	Unknown
First Named Inventor:	David A. Ferrera

d. **(1) An information disclosure statement listing the documents cited in the international work products (ISR, WO/ISA, WO/IPEA, IPER) of the corresponding PCT application.**

☒ Is attached

☐ Has already been filed in the above-identified U.S. application on _____

(2) Copies of all documents (except) for U.S. patents or U.S. patent application publications)

☒ Are attached.

☐ Have already been filed in the above-identified U.S. application on _____

II. Claims Correspondence Table:

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
1	33	Identical except for correction of typographical error (replaced "hypotube" with "elongate member" in 2nd claim element)
2-22	33	New dependent claims (e.g., narrower in scope than Claim 33 of PCT Application)

III. All the claims in the US application sufficiently correspond to the patentable claims in the corresponding PCT application.

Signature /Michael R. Christensen/	Date October 25, 2011
Name (Print/Typed) Michael R. Christensen	Registration Number 57505

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To: MICHAEL CHRISTENSEN
KNOBBE, MARTENS, OLSON & BEAR, LLP
2040 MAIN STREET, 14TH FLOOR
IRVINE, CA 92614

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43*bis*.1)

Date of mailing *(day/month/year)*	09 MAR 2011
Applicant's or agent's file reference MDFR-1P1P1WO	**FOR FURTHER ACTION** See paragraph 2 below

International application No.	International filing date *(day/month/year)*	Priority date *(day/month/year)*
PCT/US2010/062532	30 December 2010	31 December 2009

International Patent Classification (IPC) or both national classification and IPC
IPC(8) - A61B 17/22 (2011.01)
USPC - 606/159

Applicant MINDFRAME, INC.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☒ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1*bis*(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/US	Date of completion of this opinion	Authorized officer:
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	15 February 2011	Blaine R. Copenheaver PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of:

   ☒ the international application in the language in which it was filed.

   ☐ a translation of the international application into _____ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43*bis*.1(a))

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of a sequence listing filed or furnished:

   a. (means)

      ☐ on paper

      ☐ in electronic form

   b. (time)

      ☐ in the international application as filed

      ☐ together with the international application in electronic form

      ☐ subsequently to this Authority for the purposes of search

4. ☐ In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

5. Additional comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

☐ the entire international application.

☒ claims Nos. 49-53, 102

because:

☐ the said international application, or the said claims Nos. _____ relate to the following subject matter which does not require an international search *(specify)*:

☒ the description, claims or drawings *(indicate particular elements below)* or said claims Nos. 49-53, 102 are so unclear that no meaningful opinion could be formed *(specify)*:

Claims 49-53, and 102 are multiple dependent claims not drafted in accordance with the second and third sentences of Rule 6.4(a).

☐ the claims, or said claims Nos. _____ are so inadequately supported by the description that no meaningful opinion could be formed *(specify)*:

☒ no international search report has been established for said claims Nos. 49-53, 102

☐ a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:

- ☐ furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
- ☐ furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
- ☐ pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rule 13*ter*.1(a) or (b).

☐ See Supplemental Box for further details.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Box No. V **Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N)	Claims	1-48, 54-101, 103-104	YES
	Claims	None	NO
Inventive step (IS)	Claims	1-48, 54-101, 103-104	YES
	Claims	None	NO
Industrial applicability (IA)	Claims	1-48, 54-101, 103-104	YES
	Claims	None	NO

2. Citations and explanations:

Claims 1, 33, 34, 54, 64, 73,,77, 83 and 92 meet the criteria set out in PCT Article 33(2)-(3) because the prior art does not teach or fairly suggest certain subject matter in the claims, as follows:

Regarding claim 1, the prior art of record, individually or in combination, does not teach or fairly suggest an expandable tip assembly adapted to address an occlusive thrombus within a blood vessel without distal embolic protection, comprising a variable-stiffness hypotube, a distal portion and a lumen sized and adapted to receive a guidewire; an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration upon unsheathing of the scaffold and to transition from the expanded configuration to the non-expanded configuration upon resheathing of the scaffold; wherein the scaffold comprises a generally cylindrical configuration; wherein the scaffold comprises a laser-cut tube; wherein the scaffold comprises an open distal end without a distal embolic protection member or device; wherein a proximal end of the scaffold comprises a cut-out section adapted to facilitate re-sheathing of the scaffold; wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges; a variable-stiffness hypotube wherein the distal portion of the hypotube has a greater flexibility than the proximal portion; wherein the greater flexibility is provided by spiral laser cuts spaced along the distal portion of the hypotube; wherein each strut has two ends, with each end connected to one of the bridges; wherein the scaffold has a chronic outward force (COF) per unit length that does not decrease by more than 75% from an expansion diameter of 1.5 mm to an expansion diameter of 4.5 mm; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal wherein the spacing between the spiral cuts decreases from a proximal end of the distal portion to a distal end of the distal portion.

Regarding claim 33, the prior art of record, individually or in combination, does not teach or fairly suggest an expandable tip assembly configured to address an occlusive thrombus within a blood vessel without distal embolic protection, comprising an elongate member; an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the scaffold; wherein the scaffold comprises a laser-cut tube; wherein the scaffold is coupled to the distal end of the elongate member by a plurality of tether lines; wherein the scaffold comprises an open distal end without a distal embolic protection member or device; wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges, a proximal end of the scaffold comprises a scooped-out section configured to facilitate re-sheathing of the scaffold; wherein each strut has two ends, with each end connected to one of the bridges; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal.

Regarding claim 34, the prior art of record, individually or in combination, does not teach or fairly suggest a system comprising a plurality of expandable tip assemblies configured to address an occlusive thrombus within a blood vessel for providing progressive therapy without distal embolic protection, the system comprising a first expandable tip assembly comprising a first elongate member and a first self-expanding scaffold; wherein the first self-expanding scaffold is coupled to a distal end of the first elongate member; wherein the first self-expanding scaffold comprises an open distal end without a distal embolic protection member or device; wherein the first self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size configured to hinder penetration of thrombus material within the first self-expanding scaffold, thereby increasing an amount of blood flow through the first self-expanding scaffold; and a second expandable tip assembly comprising a second elongate member and a second self-expanding scaffold; herein the second self-expanding scaffold is coupled to a distal end of the second elongate member; wherein the second self-expanding scaffold comprises an open distal end without a distal embolic protection member or device; wherein the second self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size larger than the cell size of the first self-expanding scaffold, wherein said cell size of the second self-expanding scaffold is configured to enhance penetration of thrombus material within the scaffold to facilitate capture of the thrombus; wherein, in use, the first self-expanding scaffold and the second self-expanding scaffold are adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the nonexpanded configuration upon unsheathing and re-sheathing of the first and second selfexpanding scaffolds.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Supplemental Box

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Regarding claim 54, the prior art of record, individually or in combination, does not teach or fairly suggest a method of using a plurality of expandable tip assemblies adapted to address an occlusive thrombus within a blood vessel for providing progressive therapy, the method comprising identifying a thrombus within a blood vessel; inserting an expandable reperfusion device within the blood vessel to the location of the thrombus, wherein the expandable reperfusion device comprises an expandable reperfusion scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to reduce protrusion of the thrombus within the reperfusion scaffold, thereby increasing a diameter of a flow path established by the reperfusion scaffold; deploying the reperfusion device within the thrombus, thereby compressing the thrombus against the inner vessel wall and establishing one or more blood flow channels through the thrombus, wherein the one or more blood flow channels facilitate natural lysis of the thrombus; removing the reperfusion device; inserting an expandable thrombus removal device within the blood vessel to the location ofthe thrombus, wherein the expandable thrombus removal device comprises an expandable removal scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to allow thrombus penetration within the cells, thereby facilitating engagement ofthe thrombus by the removal scaffold; deploying the thrombus removal device within a remaining portion of the thrombus, thereby engaging the remaining portion of the thrombus; extracting the remaining portion of the thrombus engaged by the thrombus removal device from the blood vessel; and removing the thrombus removal device.

Regarding claim 64, the prior art of record, individually or in combination, does not teach or fairly suggest a method of using a plurality of expandable tip assemblies adapted to address an occlusive thrombus within a blood vessel for providing progressive therapy, the method comprising inserting an expandable reperfusion device within an occluded blood vessel having a thrombus; positioning the expandable reperfusion device to span at least a portion of a length ofthe thrombus; wherein the expandable reperfusion device comprises a self-expanding reperfusion scaffold having a plurality of interconnected struts that form cells sized and configured to inhibit protrusion of the thrombus into the reperfusion scaffold, thereby increasing a diameter of a flow path established by the reperfusion scaffold; deploying the reperfusion device within the thrombus, thereby compressing the thrombus against the inner vessel wall and establishing blood flow through the occluded blood vessel, wherein the established blood flow facilitates natural lysis ofthe thrombus; macerating the thrombus; wherein at least one ofthe natural lysis and the maceration fragment the thrombus until only a portion ofthe thrombus remains; removing the reperfusion device; inserting a thrombus removal device within the blood vessel to span at least a portion of a length of the remaining thrombus, wherein the thrombus removal device comprises a self-expanding removal scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to allow thrombus protrusion within the cells, thereby facilitating engagement ofthe remaining thrombus by the removal scaffold; deploying the thrombus removal device within the remaining thrombus to engage the remaining thrombus; and removing the thrombus removal device, thereby extracting the remaining thrombus.

Regarding claim 73, the prior art of record, individually or in combination, does not teach or fairly suggest a thrombus management method for addressing an occlusive thrombus within a blood vessel without distal embolic protection, the method comprising: identifying a cerebral artery having an occlusive thrombus; inserting a guide catheter into a patient; inserting a guide wire through the guide catheter into the cerebral artery and through the thrombus; inserting a microcatheter over the guidewire and through the thrombus; positioning a distal end of the microcatheter within about a centimeter past the thrombus; inserting an expandable tip assembly comprising a scaffold through the microcatheter; retracting the microcatheter, thereby causing the scaffold to expand; wherein said expansion compresses the thrombus against a wall of the cerebral artery; wherein said compression of the thrombus restores blood flow within the cerebral artery; wherein said restored blood flow facilitates natural lysis ofthe thrombus; and macerating the thrombus by resheathing the scaffold and unsheathing the scaffold, thereby facilitating mechanical lysis and fragmentation of the thrombus to release embolic particles; wherein the embolic particles flow in the direction of the blood flow and are not captured by any distal embolic protection member, but are instead lysed through the natural lysis process due to the restored blood flow.

Regarding claim 77, the prior art of record, individually or in combination, does not teach or fairly suggest a thrombus management method for addressing an occlusive thrombus within a blood vessel, the method comprising identifying an occluded blood vessel having an occlusive thrombus; selecting an expandable tip assembly based, at least in part, on a diameter of the identified occluded blood vessel, the expandable tip assembly comprising a proximal elongate member and a distal self-expanding scaffold; inserting the selected expandable tip assembly within the occluded vessel through a microcatheter such that the self-expanding scaffold is positioned at a location of the thrombus in a non-expanded configuration; retracting the microcatheter, thereby causing the scaffold to expand to an expanded configuration; wherein said expansion compresses the thrombus against a wall of the blood vessel; wherein said compression of the thrombus restores blood flow within the blood vessel; wherein said restored blood flow facilitates natural lysis of the thrombus; and macerating the thrombus by resheathing the self-expanding scaffold and unsheathing the self-expanding scaffold within the microcatheter, thereby facilitating mechanical lysis and fragmentation of the thrombus.

Regarding claim 83, the prior art of record, individually or in combination, does not teach or fairly suggest a thrombus management method for addressing an occlusive thrombus within a blood vessel by providing multiple layer embolus removal, comprising identifying an embolus within a cerebral artery; inserting an expandable reperfusion device within the cerebral artery to the location of the embolus; expanding the reperfusion device within the embolus, thereby establishing one or more blood flow channels through the embolus, wherein the one or more blood flow channels facilitate natural lysis of the embolus to remove one or more outer layers of the embolus; removing the reperfusion device; inserting an expandable embolus removal device within the cerebral artery to the location of the embolus; expanding the embolus removal device within a remaining portion of the embolus, thereby engaging the remaining portion of the embolus; extracting the remaining portion of the embolus with the embolus removal device from the cerebral artery; and removing the embolus removal device.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
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Regarding claim 92, the prior art of record, individually or in combination, does not teach or fairly suggest a thrombus management method for addressing an occlusive thrombus within a blood vessel by providing multiple layer embolus removal from a cerebral artery, comprising identifying an embolus within a cerebral artery; wherein the embolus comprises an outer layer and an inner core; establishing one or more blood flow channels through the embolus to restore blood flow; disturbing the embolus by mechanical maceration of the embolus to release embolic particles from the outer layer of the embolus, thereby allowing the embolic particles to freely flow in the direction of the blood flow without capturing said embolic particles; wherein said restored blood flow causes lysis of the embolic particles; and extracting the inner core of the embolus.

Claims 2-32, 35-48, 55-63, 65-72, 74-76, 78-82, 84-91, 93-101, and 103-104 depend from base Claims 1, 33, 34, 54, 64, 73, 77, 83 and 92, and therefore have novelty for at least the same reasons as do base Claims 1, 33, 34, 54, 64, 73, 77, 83 and 92.

The following prior art is made of record to support and further define the reasons for allowance of base Claims 1, 33, 34, 54, 64, 73, 77, 83 and 92:

(i) Fulkerson discloses an expandable tip assembly adapted to address an occlusive thrombus (Title; Abstract) within a blood vessel without distal embolic protection (Fig. 1 shows no distal embolic protection, ie- screen or filter), comprising a hypotube (Para. [0047] The instant revascularization system delivery device may be made from materials knownto artisans, including stainless steel hypotube, stainless steel coil, polymerjackets, and/or radiopaque jackets; Para. [0050] distal segment 120 comprises inner catheter 122 and revascularization device 124 (as shown here in one embodiment having uniform cells, variable cells likewise being within)) having a proximal portion (Para. [0049] proximal segment 110 and distal segment 120), a distal portion (Para. [0049]) and a lumen (Para. [0047] delivery device 130 provides a conduit in fluid communication with the lumen of the catheter-based revascularization system 100 enabling users) sized and adapted to receive a guidewire (Para. [0003] catheter systems having guidewires to access and emplace improved neurological medical devices into the cerebral vasculature); an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration upon unsheathing of the scaffold and to transition from the expanded configuration to the non-expanded configuration upon resheathing of the scaffold (Para. [0057] After the embolus is lysed, revascularization device 124 is sheathed into outer catheter 112 and removed from the body); wherein the scaffold comprises a generally cylindrical configuration (Fig. 2 at 120); wherein the scaffold comprises a laser-cut tube (Para. [0050] is made from stainless steel coil, stainless steel wire, or ribbon or laser cut hypotube and is of a suitable length and diameter to move through outer catheter 112 during deployment); wherein the scaffold comprises an open distal end without a distal embolic protection member or device (Fig. 2 shows open distal end without distal embolic protection member); wherein a proximal end of the scaffold comprises a cut-out section adapted to facilitate re-sheathing of the scaffold (Para. [0057] After the embolus is lysed, revascularization device 124 is sheathed into outer catheter 112 and removed from the body); wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges (Fig. 2 defined by the open spaces in 124); but the prior art of record, individually or in combination, does not teach or fairly suggest a variable-stiffness hypotube wherein the distal portion of the hypotube has a greater flexibility than the proximal portion; wherein the greater flexibility is provided by spiral laser cuts spaced along the distal portion of the hypotube; wherein each strut has two ends, with each end connected to one of the bridges; wherein the scaffold has a chronic outward force (COF) per unit length that does not decrease by more than 75% from an expansion diameter of 1.5 mm to an expansion diameter of 4.5 mm; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal wherein the spacing between the spiral cuts decreases from a proximal end of the distal portion to a distal end of the distal portion.

(ii) Fulkerson discloses an expandable tip assembly configured to address an occlusive thrombus (Title; Abstract) within a blood vessel without distal embolic protection (Fig. 1 shows no distal embolic protection, ie- screen or filter), comprising an elongate member (Fig. 1 at 110); an expandable and reconstrainable scaffold coupled to the distal end of the hypotube (Fig. 2 at 120), the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration (Para. [0007] a self-expanding radial filter/revascularization device and basket assembly detachably tethered to the catheter system which functions in at least three respective modes) and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the scaffold (Para. [0057] After the embolus is lysed, revascularization device 124 is sheathed into outer catheter 112 and removed from the body); wherein the scaffold comprises a laser-cut tube (Para. [0050] is made from stainless steel coil, stainless steel wire, or ribbon or laser cut hypotube and is of a suitable length and diameter to move through outer catheter 112 during deployment); wherein the scaffold is coupled to the distal end of the elongate member by a plurality of tether lines (Fig. 2 where 122 has tether lines to 124); wherein the scaffold comprises an open distal end without a distal embolic protection member or device (Fig. 2 shows open distal end without distal embolic protection member); wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges (Fig. 2 defined by the open spaces in 124), but the prior art of record, individually or in combination, does not teach or fairly suggest wherein a proximal end of the scaffold comprises a scooped-out section configured to facilitate re-sheathing of the scaffold; wherein each strut has two ends, with each end connected to one of the bridges; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Supplemental Box

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(iii) Fulkerson discloses a system comprising a plurality of expandable tip assemblies configured to address an occlusive thrombus (Title; Abstract) within a blood vessel for providing progressive therapy without distal embolic protection (Fig. 1 shows no distal embolic protection, ie- screen or filter), the system comprising a first expandable tip assembly comprising a first elongate member (Fig. 1 at 110) and a first self-expanding scaffold (Fig. 2 at 120); wherein the first self-expanding scaffold is coupled to a distal end of the first elongate member (Fig. 2); wherein the first self-expanding scaffold comprises an open distal end without a distal embolic protection member or device (Fig. 2 shows open distal end without distal embolic protection member); wherein the first self-expanding scaffold comprises open cells formed by a pattern of struts and bridges (Fig. 2 defined by the open spaces in 124), but the prior art of record, individually or in combination, does not teach or fairly suggest wherein said cells have a cell size configured to hinder penetration of thrombus material within the first self-expanding scaffold, thereby increasing an amount of blood flow through the first self-expanding scaffold; and a second expandable tip assembly comprising a second elongate member and a second self-expanding scaffold; herein the second self-expanding scaffold is coupled to a distal end of the second elongate member; wherein the second self-expanding scaffold comprises an open distal end without a distal embolic protection member or device; wherein the second self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size larger than the cell size of the first self-expanding scaffold, wherein said cell size of the second self-expanding scaffold is configured to enhance penetration of thrombus material within the scaffold to facilitate capture of the thrombus; wherein, in use, the first self-expanding scaffold and the second self-expanding scaffold are adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the nonexpanded configuration upon unsheathing and re-sheathing of the first and second self expanding scaffolds.

(iv) Brady discloses an expandable tip assembly configured to address an occlusive thrombus (Title; Abstract) within a blood vessel, but with distal embolic protection (Fig. 1 shows a retractable guidewire tip, but with a distal embolic protection, ie- screen or filter), comprising an elongate member (Fig. 1 at 101); the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration (Para. [0066]) a self-expanding radial filter/revascularization device and basket assembly detachably tethered to the catheter system which functions in at least three respective modes and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the scaffold (Para. [0066] The support frame 111 is such that it is naturally expanded as shown in the drawings and can be collapsed inwardly against the sleeve 104); wherein the scaffold comprises a laser-cut tube (Para. [0074] Typically the finishing operations involve processes such as mechanical machining operations, laser machining or chemical machining); wherein the scaffold is coupled to the distal end of the elongate member by a plurality of tether lines (Fig. 1 where 111 has tether lines to 125), but the prior art of record, individually or in combination, does not teach or fairly suggest the device wherein the scaffold comprises an open distal end without a distal embolic protection member or device; wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges, wherein a proximal end of the scaffold comprises a scooped-out section configured to facilitate re-sheathing of the scaffold; wherein each strut has two ends, with each end connected to one of the bridges; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal or an expandable and reconstrainable scaffold coupled to the distal end of the hypotube.

Claims 1-48, 54-101, and 103-104 meet the criteria set out in PCT Article 33(4) and thus have industrial applicability because the subject matter claimed can be made or used in industry.

WHAT IS CLAIMED IS:

1. An expandable tip assembly adapted to address an occlusive thrombus within a blood vessel without distal embolic protection, comprising:

a variable-stiffness hypotube having a proximal portion, a distal portion and a lumen sized and adapted to receive a guidewire;

wherein the distal portion of the hypotube has a greater flexibility than the proximal portion;

wherein the greater flexibility is provided by spiral laser cuts spaced along the distal portion of the hypotube;

wherein the spacing between the spiral cuts decreases from a proximal end of the distal portion to a distal end of the distal portion;

an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration upon unsheathing of the scaffold and to transition from the expanded configuration to the non-expanded configuration upon re-sheathing of the scaffold;

wherein the scaffold comprises a generally cylindrical configuration;

wherein the scaffold comprises a laser-cut tube;

wherein the scaffold comprises an open distal end without a distal embolic protection member or device;

wherein a proximal end of the scaffold comprises a cut-out section adapted to facilitate re-sheathing of the scaffold;

wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges;

wherein each strut has two ends, with each end connected to one of the bridges;

wherein the scaffold has a chronic outward force (COF) per unit length that does not decrease by more than 75% from an expansion diameter of 1.5 mm to an expansion diameter of 4.5 mm; and

wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal.

2. The expandable tip assembly of Claim 1, wherein each bridge is connected to four struts.

3. The expandable tip assembly of Claim 1, wherein the scaffold is coupled to the distal end of the hypotube by a plurality of tether lines that extend eccentrically from one half of the distal end of the hypotube.

4. The expandable tip assembly of Claim 1, wherein the scaffold has a chronic outward force (COF) per unit length that does not decrease by more than 50% from a diameter of 1.5 mm to a diameter of 4.5 mm.

5. The expandable tip assembly of Claim 1, wherein the cells of the scaffold have a uniform cell size.

6. The expandable tip assembly of Claim 1, wherein the cells of the scaffold have a variable cell size, and further wherein the cell size of the cells at the end portions of the scaffold are smaller than the cell size of the cells of the middle portion of the scaffold.

7. The expandable tip assembly of Claim 1, wherein the strut thickness is substantially equal to the strut width.

8. The expandable tip assembly of Claim 1, wherein a ratio of strut thickness to strut width is less than at least about 1.4.

9. The expandable tip assembly of Claim 1, wherein the expandable tip assembly comprises a reperfusion device and wherein the cells of the scaffold have a cell size adapted to inhibit protrusion of portions of the thrombus within an interior of the scaffold.

10. The expandable tip assembly of Claim 9, wherein the cells of the scaffold have a cell length of between 2 mm and 4 mm and a cell height between 1 mm and 3 mm in the expanded configuration.

11. The expandable tip assembly of Claim 9, wherein the scaffold has an average chronic outward force across a diameter of 1.5 mm to 4.5 mm of between 0.0040 N and 0.0120 N.

12. The expandable tip assembly of Claim 9, wherein the scaffold has a maximum expansion diameter of 5 mm.

13. The expandable tip assembly of Claim 9, wherein the scaffold has a length of about 30 mm.

14. The expandable tip assembly of Claim 9, wherein an exterior, contact surface of the struts comprises a squared-off or rounded configuration to increase the contact surface area of the scaffold, thereby enhancing compression of the thrombus.

15. The expandable tip assembly of Claim 9, wherein an exterior, contact surface of the struts comprises a pointed or tapered configuration.

16. The expandable tip assembly of Claim 1, wherein the expandable tip assembly comprises a thrombus removal device, and wherein the cells of the scaffold have a cell size adapted to promote protrusion of portions of the thrombus within an interior of the scaffold.

17. The expandable tip assembly of Claim 16, wherein the cells of the scaffold have a cell length of between 4 mm and 6 mm and a cell height between 2 mm and 4 mm in the expanded configuration.

18. The expandable tip assembly of Claim 16, wherein the scaffold has an average chronic outward force across a diameter of 1.5 mm to 4.5 mm of between 0.0020 N and 0.0090 N.

19. The expandable tip assembly of Claim 16, wherein an exterior, contact surface of the struts comprises a pointed or tapered configuration.

20. The expandable tip assembly of Claim 16, wherein the struts comprise one or more surface features adapted to enhance engagement of thrombus material.

21. The expandable tip assembly of Claim 20, wherein the struts comprise one or more grooves.

22. The expandable tip assembly of Claim 20, wherein the struts comprise one or more protrusions or projections.

23. The expandable tip assembly of Claim 16, wherein a central portion of each strut of the scaffold has a greater thickness than adjacent portions of the strut.

24. The expandable tip assembly of Claim 16, wherein the struts comprise multiple flex points along the length of the struts.

25. The expandable tip assembly of Claim 16, wherein the bridges form X-shaped connections between the cells of the scaffold.

26. The expandable tip assembly of Claim 16, wherein the bridges have a greater thickness than adjacent portions of the struts connected to the bridges.

27. The expandable tip assembly of Claim 16, wherein the scaffold has a maximum expansion diameter of 3 mm

28. The expandable tip assembly of Claim 16, wherein the scaffold has a maximum expansion diameter of 5 mm.

29. The expandable tip assembly of Claim 16, wherein the scaffold has a length of about 30 mm.

30. A method of using an expandable tip assembly as in any one of Claims 1 through 29 to address an occlusive thrombus within a blood vessel.

31. A method of using an expandable tip assembly as in any one of Claims 1 through 15 to reperfuse an occluded blood vessel having an occlusive thrombus.

32. A method of using an expandable tip assembly as in any one of Claims 1 through 8 or Claims 16 through 29 to extract thrombus material from an occluded blood vessel.

33. An expandable tip assembly configured to address an occlusive thrombus within a blood vessel without distal embolic protection, comprising:

an elongate member;

an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the scaffold;

wherein the scaffold comprises a laser-cut tube;

wherein the scaffold is coupled to the distal end of the elongate member by a plurality of tether lines;

wherein the scaffold comprises an open distal end without a distal embolic protection member or device;

wherein a proximal end of the scaffold comprises a scooped-out section configured to facilitate re-sheathing of the scaffold;

wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges;

wherein each strut has two ends, with each end connected to one of the bridges; and

wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal.

34. A system comprising a plurality of expandable tip assemblies configured to address an occlusive thrombus within a blood vessel for providing progressive therapy without distal embolic protection, the system comprising:

a first expandable tip assembly comprising a first elongate member and a first self-expanding scaffold;

wherein the first self-expanding scaffold is coupled to a distal end of the first elongate member;

wherein the first self-expanding scaffold comprises an open distal end without a distal embolic protection member or device;

wherein the first self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size configured to hinder penetration of thrombus material within the first self-expanding scaffold, thereby increasing an amount of blood flow through the first self-expanding scaffold; and

a second expandable tip assembly comprising a second elongate member and a second self-expanding scaffold;

wherein the second self-expanding scaffold is coupled to a distal end of the second elongate member;

wherein the second self-expanding scaffold comprises an open distal end without a distal embolic protection member or device;

wherein the second self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size larger than the cell size of the first self-expanding scaffold, wherein said cell size of the second self-expanding scaffold is configured to enhance penetration of thrombus material within the scaffold to facilitate capture of the thrombus;

wherein, in use, the first self-expanding scaffold and the second self-expanding scaffold are adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the first and second self-expanding scaffolds.

35. The system of Claim 34, further comprising a microcatheter adapted to receive the first and second self-expanding scaffolds and further adapted to be movable with respect to the first and second self-expanding scaffolds to provide the unsheathing and re-sheathing of the first and second self-expanding scaffolds.

36. The system of Claim 34 or 35, wherein the first elongate member and the second elongate member comprise a variable-stiffness hypotube having a lumen.

37. The system of Claim 36, further comprising a guidewire configured to be received by the first elongate member and the second elongate member.

38. The system of Claim 36, wherein a distal section of the variable-stiffness hypotube comprises a laser spiral cut pattern that allows the distal section to bend to navigate through curved portions of the cerebral vasculature.

39. The system of Claim 38, wherein said laser spiral cut pattern spans a length of about 35 cm.

40. The system of Claim 34 or 35, wherein the first elongate member and the second elongate member comprise a wire without a lumen.

41. The system of Claim 34 or 35, wherein the first expandable tip assembly and the second expandable tip assembly have an average chronic outward force across a diameter of 1.5 mm to 4.5 mm that does not decrease by more than 50% to 75%.

42. The system of Claim 34 or 35, wherein the first self-expanding scaffold and the second self-expanding scaffold have a substantially non-zero chronic outward force across a diameter of 1.5 mm to 4.5 mm.

43. The system of Claim 34 or 35, wherein the cells of the first self-expanding scaffold have a cell length of between 2 mm and 4 mm and a cell height between 1 mm and 3 mm in an expanded configuration.

44. The system of Claim 34 or 35, wherein the first self-expanding scaffold has an average chronic outward force across a diameter of 1.5 mm to 4.5 mm of between 0.0040 N and 0.0120 N.

45. The system of Claim 34 or 35, wherein the cells of the second self-expanding scaffold have a cell length of between 4 mm and 6 mm and a cell height between 2 mm and 4 mm in an expanded configuration.

46. The system of Claim 34 or 35, wherein the second self-expanding scaffold has an average chronic outward force across a diameter of 1.5 mm to 4.5 mm of between 0.0020 N and 0.0090 N.

47. The system of Claim 34 or 35, wherein a central portion of each strut of the second self-expanding scaffold has a greater thickness than adjacent portions of the strut.

48. The system of Claim 34 or 35, wherein the first expandable tip assembly comprises a reperfusion device adapted to facilitate blood flow restoration and the second expandable tip assembly comprises a thrombus removal device adapted to be inserted after removal of the reperfusion device, wherein the thrombus removal device is further adapted to facilitate removal of any remaining thrombus material.

49. A kit comprising a plurality of expandable tip assemblies configured to address an occlusive thrombus within a blood vessel for providing progressive therapy without distal embolic protection, the kit comprising:

a first expandable tip assembly as in any one of Claims 1 through 15;

a second expandable tip assembly as in any one of Claims 1 through 8 or Claims 16 through 29.

50. The kit of Claim 49, further comprising a microcatheter adapted to deliver the first expandable tip assembly and the second expandable tip assembly within the blood vessel.

51. The kit of Claim 50, wherein the microcatheter comprises a neuro-microcatheter sized to be inserted within cerebral vasculature of a human patient.

52. The kit of any one of Claims 49-51, further comprising a guide catheter.

53. The kit of any one of Claims 49-51, further comprising a guidewire.

54. A method of using a plurality of expandable tip assemblies adapted to address an occlusive thrombus within a blood vessel for providing progressive therapy, the method comprising:

identifying a thrombus within a blood vessel;

inserting an expandable reperfusion device within the blood vessel to the location of the thrombus,

wherein the expandable reperfusion device comprises an expandable reperfusion scaffold having a plurality of interconnected struts that form cells having a cell size that

is sized and configured to reduce protrusion of the thrombus within the reperfusion scaffold, thereby increasing a diameter of a flow path established by the reperfusion scaffold;

deploying the reperfusion device within the thrombus, thereby compressing the thrombus against the inner vessel wall and establishing one or more blood flow channels through the thrombus,

wherein the one or more blood flow channels facilitate natural lysis of the thrombus;

removing the reperfusion device;

inserting an expandable thrombus removal device within the blood vessel to the location of the thrombus,

wherein the expandable thrombus removal device comprises an expandable removal scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to allow thrombus penetration within the cells, thereby facilitating engagement of the thrombus by the removal scaffold;

deploying the thrombus removal device within a remaining portion of the thrombus, thereby engaging the remaining portion of the thrombus;

extracting the remaining portion of the thrombus engaged by the thrombus removal device from the blood vessel; and

removing the thrombus removal device.

55. The method of Claim 54, wherein the expandable reperfusion device and the expandable thrombus removal device comprise self-expanding devices.

56. The method of Claim 55, wherein the expandable reperfusion device and the expandable thrombus removal device are inserted into the blood vessel within a microcatheter to the location of the thrombus.

57. The method of Claim 56, wherein deploying the reperfusion device comprises retracting the microcatheter, thereby allowing the reperfusion device to expand within the thrombus.

58. The method of Claim 56, wherein deploying the thrombus removal device comprises retracting the microcatheter, thereby allowing the thrombus removal device to expand within the thrombus.

59. The method of Claim 56, wherein removing the reperfusion device comprises resheathing the reperfusion device by advancing the microcatheter over the reperfusion device while keeping the reperfusion device stationary and then removing the microcatheter with the reperfusion device together.

60. The method of Claim 54, wherein an expansion diameter of the reperfusion device is configured to provide increased cell deformation of the reperfusion scaffold, thereby reducing protrusion of thrombus material within the reperfusion scaffold.

61. The method of Claim 54, wherein an expansion diameter of the thrombus removal device is configured to provide reduced cell deformation of the removal scaffold, thereby increasing thrombus penetration within the removal scaffold.

62. The method of Claim 57, further comprising resheathing the reperfusion device within the microcatheter by advancing the microcatheter and then unsheathing the reperfusion device by retracting the microcatheter to provide maceration of the thrombus.

63. The method of Claim 54, wherein the cells of the reperfusion scaffold in an expanded configuration have a cell length of between 2 mm and 4 mm and a cell height between 1 mm and 3 mm and wherein the cells of the removal scaffold in an expanded configuration have a cell length of between 4 mm and 6 mm and a cell height between 2 mm and 4 mm.

64. A method of using a plurality of expandable tip assemblies adapted to address an occlusive thrombus within a blood vessel for providing progressive therapy, the method comprising:

inserting an expandable reperfusion device within an occluded blood vessel having a thrombus;

positioning the expandable reperfusion device to span at least a portion of a length of the thrombus;

wherein the expandable reperfusion device comprises a self-expanding reperfusion scaffold having a plurality of interconnected struts that form cells sized and configured to inhibit protrusion of the thrombus into the reperfusion scaffold, thereby increasing a diameter of a flow path established by the reperfusion scaffold;

deploying the reperfusion device within the thrombus, thereby compressing the thrombus against the inner vessel wall and establishing blood flow through the occluded blood vessel,

wherein the established blood flow facilitates natural lysis of the thrombus;

macerating the thrombus;

wherein at least one of the natural lysis and the maceration fragment the thrombus until only a portion of the thrombus remains;

removing the reperfusion device;

inserting a thrombus removal device within the blood vessel to span at least a portion of a length of the remaining thrombus,

wherein the thrombus removal device comprises a self-expanding removal scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to allow thrombus protrusion within the cells, thereby facilitating engagement of the remaining thrombus by the removal scaffold;

deploying the thrombus removal device within the remaining thrombus to engage the remaining thrombus; and

removing the thrombus removal device, thereby extracting the remaining thrombus.

65. The method of Claim 64, wherein macerating the thrombus comprises sheathing and unsheathing of the reperfusion scaffold, wherein said sheathing and unsheathing causes the reperfusion scaffold to compress and expand.

66. The method of Claim 64 or Claim 65, wherein the reperfusion device and the thrombus removal device are inserted into the blood vessel within a microcatheter.

67. The method of Claim 66, wherein deploying the reperfusion device comprises retracting the microcatheter, thereby allowing the reperfusion device to expand within the thrombus.

68. The method of Claim 66, wherein deploying the thrombus removal device comprises retracting the microcatheter, thereby allowing the thrombus removal device to expand within the thrombus.

69. The method of Claim 67, wherein removing the reperfusion device comprises resheathing the reperfusion device by advancing the microcatheter over the reperfusion

device while keeping the reperfusion device stationary and then removing the microcatheter with the reperfusion device together.

70. The method of Claim 66, wherein an expansion diameter of the reperfusion device is configured to provide increased cell deformation of the reperfusion scaffold, thereby reducing thrombus penetration within an interior of the reperfusion scaffold.

71. The method of Claim 64, wherein an expansion diameter of the thrombus removal device is configured to provide reduced cell deformation of the removal scaffold, thereby increasing thrombus protrusion within the removal scaffold.

72. The method of Claim 64, wherein the cells of the expandable reperfusion device in an expanded configuration have a cell length of between 2 mm and 4 mm and a cell height between 1 mm and 3 mm and wherein the cells of the expandable thrombus removal device in an expanded configuration have a cell length of between 4 mm and 6 mm and a cell height between 2 mm and 4 mm.

73. A thrombus management method for addressing an occlusive thrombus within a blood vessel without distal embolic protection, the method comprising:

identifying a cerebral artery having an occlusive thrombus;

inserting a guide catheter into a patient;

inserting a guide wire through the guide catheter into the cerebral artery and through the thrombus;

inserting a microcatheter over the guidewire and through the thrombus;

positioning a distal end of the microcatheter within about a centimeter past the thrombus;

inserting an expandable tip assembly comprising a scaffold through the microcatheter;

retracting the microcatheter, thereby causing the scaffold to expand;

wherein said expansion compresses the thrombus against a wall of the cerebral artery;

wherein said compression of the thrombus restores blood flow within the cerebral artery;

wherein said restored blood flow facilitates natural lysis of the thrombus; and

macerating the thrombus by resheathing the scaffold and unsheathing the scaffold, thereby facilitating mechanical lysis and fragmentation of the thrombus to release embolic particles;

wherein the embolic particles flow in the direction of the blood flow and are not captured by any distal embolic protection member, but are instead lysed through the natural lysis process due to the restored blood flow.

74. The thrombus management method of Claim 73, further comprising engaging any remaining thrombus material and removing the remaining thrombus material with the expandable tip assembly.

75. The thrombus management method of Claim 73, further comprising removing the expandable tip assembly and inserting a second expandable tip assembly into the microcatheter, the second expandable tip assembly having a self-expanding scaffold with cells having a cell size configured to increase penetration of the remaining thrombus material into the cells to facilitate capture of the remaining thrombus material.

76. The thrombus management method of Claim 75, further comprising engaging any remaining thrombus material and removing the remaining thrombus material with the second expandable tip assembly.

77. A thrombus management method for addressing an occlusive thrombus within a blood vessel, the method comprising:

identifying an occluded blood vessel having an occlusive thrombus;

selecting an expandable tip assembly based, at least in part, on a diameter of the identified occluded blood vessel, the expandable tip assembly comprising a proximal elongate member and a distal self-expanding scaffold;

inserting the selected expandable tip assembly within the occluded vessel through a microcatheter such that the self-expanding scaffold is positioned at a location of the thrombus in a non-expanded configuration;

retracting the microcatheter, thereby causing the scaffold to expand to an expanded configuration;

wherein said expansion compresses the thrombus against a wall of the blood vessel;

wherein said compression of the thrombus restores blood flow within the blood vessel;

wherein said restored blood flow facilitates natural lysis of the thrombus; and

macerating the thrombus by resheathing the self-expanding scaffold and unsheathing the self-expanding scaffold within the microcatheter, thereby facilitating mechanical lysis and fragmentation of the thrombus.

78. The thrombus management method of Claim 77, further comprising engaging the remaining thrombus material and removing the remaining thrombus material with the expandable tip assembly.

79. The thrombus management method of Claim 77, further comprising removing the expandable tip assembly and inserting a second expandable tip assembly into the microcatheter, the second expandable tip assembly having a self-expanding scaffold with cells having a cell size configured to increase protrusion of the remaining thrombus material within the cells to facilitate capture of the remaining thrombus material.

80. The thrombus management method of Claim 79, further comprising removing the remaining thrombus material with the second expandable tip assembly.

81. The thrombus management method of any one of Claims 77 through 80, wherein the blood vessel comprises a cerebral artery, and wherein the proximal elongate member comprises a flexible, distal portion configured to navigate curved portions of cerebral vasculature during delivery to the cerebral artery.

82. The thrombus management method of Claim 77, wherein blood flow is restored in less than two minutes from deployment of the self-expanding scaffold within the thrombus.

83. A thrombus management method for addressing an occlusive thrombus within a blood vessel by providing multiple layer embolus removal, comprising:

identifying an embolus within a cerebral artery;

inserting an expandable reperfusion device within the cerebral artery to the location of the embolus;

expanding the reperfusion device within the embolus, thereby establishing one or more blood flow channels through the embolus,

wherein the one or more blood flow channels facilitate natural lysis of the embolus to remove one or more outer layers of the embolus;

removing the reperfusion device;

inserting an expandable embolus removal device within the cerebral artery to the location of the embolus;

expanding the embolus removal device within a remaining portion of the embolus, thereby engaging the remaining portion of the embolus;

extracting the remaining portion of the embolus with the embolus removal device from the cerebral artery; and

removing the embolus removal device.

84. The method of Claim 83, wherein the reperfusion device comprises an expandable tip assembly including a proximal elongate member and a distal self-expanding scaffold.

85. The method of Claim 84, wherein said scaffold comprises open cells having a cell size that is configured to decrease penetration of the embolus within the scaffold, thereby increasing blood flow through the scaffold.

86. The method of Claim 83, wherein the embolus removal device comprises an expandable tip assembly including a proximal elongate member and a distal self-expanding scaffold.

87. The method of Claim 86, wherein said scaffold comprises open cells having a cell size that is configured to increase protrusion of the remaining portion of the embolus within the scaffold to facilitate capture of the remaining portion of the embolus.

88. The method of Claim 84, wherein inserting an expandable reperfusion device within the cerebral artery to the location of the embolus comprises inserting the expandable reperfusion device through a microcatheter such that the self-expanding scaffold is in a non-expanded configuration.

89. The method of Claim 84, wherein expanding the reperfusion device within the embolus comprises retracting the microcatheter, thereby allowing the self-expanding scaffold to deploy to an expanded configuration.

90. The method of Claim 83, wherein the one or more outer layers of the embolus comprise platelets and red blood cells.

91. The method of Claim 83, wherein the remaining portion of the embolus comprises a firm fibrin core of the embolus.

92. A thrombus management method for addressing an occlusive thrombus within a blood vessel by providing multiple layer embolus removal from a cerebral artery, comprising:

identifying an embolus within a cerebral artery;

wherein the embolus comprises an outer layer and an inner core;

establishing one or more blood flow channels through the embolus to restore blood flow;

disturbing the embolus by mechanical maceration of the embolus to release embolic particles from the outer layer of the embolus, thereby allowing the embolic particles to freely flow in the direction of the blood flow without capturing said embolic particles;

wherein said restored blood flow causes lysis of the embolic particles; and

extracting the inner core of the embolus.

93. The method of Claim 92, wherein said restored blood flow causes further release of embolic particles from the outer layer of the embolus.

94. The method of Claim 92, wherein the outer layer of the embolus comprises a softer portion of the embolus than the inner core of the embolus.

95. The method of Claim 92, wherein the outer layer comprises platelets and red blood cells.

96. The method of Claim 92, wherein the inner core of the embolus comprises a fibrin core that has a hardness that exceeds the hardness of the outer layer of the embolus.

97. The method of any one of Claims 92 through 96, wherein establishing one or more blood flow channels through the embolus to facilitate natural lysis of the embolus comprises expanding an expandable reperfusion device within the embolus.

98. The method of Claim 97, further comprising macerating the embolus with the expandable reperfusion device.

99. The method of any one of Claims 92 through 96, wherein extracting a remaining portion of the embolus comprises expanding an expandable embolus removal device within the embolus to engage and capture the inner core of the embolus.

100. The expandable tip assembly of any one of Claims 1 through 8 or Claim 33, wherein the expandable tip assembly comprises a reperfusion device and wherein the cells of the scaffold have a cell size adapted to inhibit protrusion of portions of the thrombus within an interior of the scaffold.

101. The expandable tip assembly of any one of Claims 1 through 8 or Claim 33, wherein the expandable tip assembly comprises a thrombus removal device, and wherein the cells of the scaffold have a cell size adapted to promote protrusion of portions of the thrombus within an interior of the scaffold.

102. A method of using an expandable tip assembly as in Claim 100 or Claim 101 to address an occlusive thrombus within a blood vessel.

103. A method of using an expandable tip assembly as in Claim 100 to reperfuse an occluded blood vessel having an occlusive thrombus.

104. A method of using an expandable tip assembly as in Claim 101 to extract thrombus material from an occluded blood vessel.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/281,322		David A. Ferrera	MDFR.001P5	1808

20995 7590 11/04/2011
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EXAMINER	
ART UNIT	PAPER NUMBER
3763	

NOTIFICATION DATE	DELIVERY MODE
11/04/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

jcartee@kmob.com
efiling@kmob.com
eOAPilot@kmob.com

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2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE CA 92614

In re Application of:	:	DECISION ON A REQUEST TO
FERRERA, DAVID A.	:	PARTICIPATE IN PATENT
Serial No.: 13/281,322	:	PCT/PROSECUTION HIGHWAY
Filed: Oct. 25, 2011	:	PROGRAM AND PETITION
Attorney Docket No. : MDFR.001P5	:	TO MAKE SPECIAL UNDER
Title: THROMBUS MANAGEMENT DEVICE	:	CFR 1.102(a)

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed Oct. 25, 2011 to make the above-identified application special.

The request and petition are granted.

A grantable request to participate in the PPH pilot program and petition to make special require:

(1) The U.S. application must validly claim priority under 35 U.S.C. 119(a) to one or more PCT applications filed in the JPO, EPO, KIPO, or USPTO;
(2) Applicant must submit a copy of the allowable/patentable claim(s) from the PCT application(s) latest international work product (the written opinion or the IPER) along with an English translation thereof and a statement that the English translation is accurate;
(3) All the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the PCT application(s);
(4) Examination of the U.S. application has not begun;
(5) Applicant must submit a copy of the latest international work product from the PCT application containing the allowable/patentable claim(s) along with an English translation thereof and a statement that the English translation is accurate; and
(6) Applicant must submit an IDS listing the documents cited by the PCT examiner in the international work product along with copies of documents except U.S. patents or U.S. patent application publications.

The instant petition complies with items 1–6 above. Accordingly, the above-identified application has been accorded "special" status.

Applicant is encouraged to cite and submit all relevant prior art references, if any, to facilitate examination in this application.

This application is currently undergoing pre-examination processing. Upon completion, the application will be forwarded to the Technology Center Art Unit 3763 for action on the merits commensurate with this decision.

Telephone inquires concerning this decision should be directed to Henry C. Yuen at 571-272-4856.

/Henry C. Yuen/

Henry C. Yuen
Quality Assurance Specialist
Technology Center TC 3700

Doc Code: PPH.PCT.652
Document Description: Petition to make special under PCT-Patent Pros Hwy

PTO/SB/20PCT-US (09-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
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REQUEST FOR PARTICIPATION IN THE PATENT COOPERATION TREATY - PATENT PROSECUTION HIGHWAY (PCT-PPH) PILOT PROGRAM IN A U.S. APPLICATION WHERE THE USPTO WAS THE ISA OR IPEA

Application No:	Unknown	Filing date:	October 25, 2011
First Named Inventor:	David A. Ferrera		
Title of the Invention:	THROMBUS MANAGEMENT SYSTEM		

THIS REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM ALONG WITH THE REQUIRED DOCUMENTS MUST BE SUBMITTED VIA EFS-WEB. INFORMATION REGARDING EFS-WEB IS AVAILABLE AT HTTP://WWW.USPTO.GOV/EBC/EFS_HELP.HTML

APPLICANT HEREBY REQUESTS PARTICIPATION IN THE PCT-PPH PROGRAM AND PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE PCT-PPH PROGRAM.

The above-identified application is (1) a national stage entry of the corresponding PCT application, or (2) a national stage entry of another PCT application which claims priority to the corresponding PCT application, or (3) a national application that claims domestic/ foreign priority to the corresponding PCT application, or (4) a national application which forms the basis for the priority claim in the corresponding PCT application, or (5) a continuing application of a U.S. application that satisfies one of (1) to (4) above, or (6) a U.S. application that claims domestic benefit to a U.S. provisional application which forms the basis for the priority claim in the corresponding PCT application.

The corresponding PCT application number(s) is/are: PCT/US2010/062532

The international date of the corresponding PCT application(s) is/are:

December 30, 2010

I. List of Required Documents:

a. **A copy of the latest international work product (WO/ISA, WO/IPEA, or IPER) in the above–identified corresponding PCT application(s)**

☒ Is attached

☐ Is not attached because the document is already in the U.S. application.

b. **A copy of all claims which were indicated as having novelty, inventive step and industrial applicability in the above-identified corresponding PCT application(s).**

☒ Is attached.

☐ Is not attached because the document is already in the U.S. application.

c. **English translations of the documents in a. and b. above are attached (if the documents are not in the English language). A statement that the English translation is accurate is attached for the document in b. above.**

This collection of information is required by 35 U.S.C. 119, 37 CFR 1.55, and 37 CFR 1.102(d). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

PTO/SB/20PCT-US (09-10)
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U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM IN A U.S. APPLICATION WHERE THE USPTO WAS THE ISA OR IPEA (continued)

Application No.:	Unknown
First Named Inventor:	David A. Ferrera

d. **(1) An information disclosure statement listing the documents cited in the international work products (ISR, WO/ISA, WO/IPEA, IPER) of the corresponding PCT application.**

☒ Is attached

☐ Has already been filed in the above-identified U.S. application on _____

(2) Copies of all documents (except) for U.S. patents or U.S. patent application publications)

☒ Are attached.

☐ Have already been filed in the above-identified U.S. application on _____

II. Claims Correspondence Table:

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
1	34	Identical
2	35	Identical
3	36	Slightly amended for clarity; dependent claim (e.g., narrower in scope than Claim 34 of PCT Application)
4-6	37-39	Identical
7	40	Slightly amended for clarity; dependent claim (e.g., narrower in scope than Claim 34 of PCT Application)
8	41	Amended dependent claim (e.g., narrower in scope than Claim 34 of PCT Application)
9-15	42-48	Identical except for claim dependency
16-25	34	New dependent claims (e.g., narrower in scope than Claim 34 of PCT Application)

III. All the claims in the US application sufficiently correspond to the patentable claims in the corresponding PCT application.

Signature /Michael R. Christensen/	Date October 25, 2011
Name (Print/Typed) Michael R. Christensen	Registration Number 57505

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To: MICHAEL CHRISTENSEN
KNOBBE, MARTENS, OLSON & BEAR, LLP
2040 MAIN STREET, 14TH FLOOR
IRVINE, CA 92614

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43*bis*.1)

Date of mailing *(day/month/year)*	09 MAR 2011
Applicant's or agent's file reference MDFR-1P1P1WO	**FOR FURTHER ACTION** See paragraph 2 below

International application No.	International filing date *(day/month/year)*	Priority date *(day/month/year)*
PCT/US2010/062532	30 December 2010	31 December 2009

International Patent Classification (IPC) or both national classification and IPC
IPC(8) - A61B 17/22 (2011.01)
USPC - 606/159

Applicant MINDFRAME, INC.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☒ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1*bis*(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/US	Date of completion of this opinion	Authorized officer:
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	15 February 2011	Blaine R. Copenheaver PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of:

   ☒ the international application in the language in which it was filed.

   ☐ a translation of the international application into _____ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43*bis*.1(a))

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of a sequence listing filed or furnished:

   a. (means)

      ☐ on paper

      ☐ in electronic form

   b. (time)

      ☐ in the international application as filed

      ☐ together with the international application in electronic form

      ☐ subsequently to this Authority for the purposes of search

4. ☐ In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

5. Additional comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

☐ the entire international application.

☒ claims Nos. 49-53, 102

because:

☐ the said international application, or the said claims Nos. _____ relate to the following subject matter which does not require an international search *(specify)*:

☒ the description, claims or drawings *(indicate particular elements below)* or said claims Nos. 49-53, 102 are so unclear that no meaningful opinion could be formed *(specify)*:

Claims 49-53, and 102 are multiple dependent claims not drafted in accordance with the second and third sentences of Rule 6.4(a).

☐ the claims, or said claims Nos. _____ are so inadequately supported by the description that no meaningful opinion could be formed *(specify)*:

☒ no international search report has been established for said claims Nos. 49-53, 102

☐ a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:

- ☐ furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
- ☐ furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
- ☐ pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rule 13*ter*.1(a) or (b).

☐ See Supplemental Box for further details.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Box No. V **Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N)	Claims	1-48, 54-101, 103-104	YES
	Claims	None	NO
Inventive step (IS)	Claims	1-48, 54-101, 103-104	YES
	Claims	None	NO
Industrial applicability (IA)	Claims	1-48, 54-101, 103-104	YES
	Claims	None	NO

2. Citations and explanations:

Claims 1, 33, 34, 54, 64, 73,,77, 83 and 92 meet the criteria set out in PCT Article 33(2)-(3) because the prior art does not teach or fairly suggest certain subject matter in the claims, as follows:

Regarding claim 1, the prior art of record, individually or in combination, does not teach or fairly suggest an expandable tip assembly adapted to address an occlusive thrombus within a blood vessel without distal embolic protection, comprising a variable-stiffness hypotube, a distal portion and a lumen sized and adapted to receive a guidewire; an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration upon unsheathing of the scaffold and to transition from the expanded configuration to the non-expanded configuration upon resheathing of the scaffold; wherein the scaffold comprises a generally cylindrical configuration; wherein the scaffold comprises a laser-cut tube; wherein the scaffold comprises an open distal end without a distal embolic protection member or device; wherein a proximal end of the scaffold comprises a cut-out section adapted to facilitate re-sheathing of the scaffold; wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges; a variable-stiffness hypotube wherein the distal portion of the hypotube has a greater flexibility than the proximal portion; wherein the greater flexibility is provided by spiral laser cuts spaced along the distal portion of the hypotube; wherein each strut has two ends, with each end connected to one of the bridges; wherein the scaffold has a chronic outward force (COF) per unit length that does not decrease by more than 75% from an expansion diameter of 1.5 mm to an expansion diameter of 4.5 mm; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal wherein the spacing between the spiral cuts decreases from a proximal end of the distal portion to a distal end of the distal portion.

Regarding claim 33, the prior art of record, individually or in combination, does not teach or fairly suggest an expandable tip assembly configured to address an occlusive thrombus within a blood vessel without distal embolic protection, comprising an elongate member; an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the scaffold; wherein the scaffold comprises a laser-cut tube; wherein the scaffold is coupled to the distal end of the elongate member by a plurality of tether lines; wherein the scaffold comprises an open distal end without a distal embolic protection member or device; wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges, a proximal end of the scaffold comprises a scooped-out section configured to facilitate re-sheathing of the scaffold; wherein each strut has two ends, with each end connected to one of the bridges; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal.

Regarding claim 34, the prior art of record, individually or in combination, does not teach or fairly suggest a system comprising a plurality of expandable tip assemblies configured to address an occlusive thrombus within a blood vessel for providing progressive therapy without distal embolic protection, the system comprising a first expandable tip assembly comprising a first elongate member and a first self-expanding scaffold; wherein the first self-expanding scaffold is coupled to a distal end of the first elongate member; wherein the first self-expanding scaffold comprises an open distal end without a distal embolic protection member or device; wherein the first self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size configured to hinder penetration of thrombus material within the first self-expanding scaffold, thereby increasing an amount of blood flow through the first self-expanding scaffold; and a second expandable tip assembly comprising a second elongate member and a second self-expanding scaffold; herein the second self-expanding scaffold is coupled to a distal end of the second elongate member; wherein the second self-expanding scaffold comprises an open distal end without a distal embolic protection member or device; wherein the second self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size larger than the cell size of the first self-expanding scaffold, wherein said cell size of the second self-expanding scaffold is configured to enhance penetration of thrombus material within the scaffold to facilitate capture of the thrombus; wherein, in use, the first self-expanding scaffold and the second self-expanding scaffold are adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the nonexpanded configuration upon unsheathing and re-sheathing of the first and second selfexpanding scaffolds.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Supplemental Box

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Regarding claim 54, the prior art of record, individually or in combination, does not teach or fairly suggest a method of using a plurality of expandable tip assemblies adapted to address an occlusive thrombus within a blood vessel for providing progressive therapy, the method comprising identifying a thrombus within a blood vessel; inserting an expandable reperfusion device within the blood vessel to the location of the thrombus, wherein the expandable reperfusion device comprises an expandable reperfusion scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to reduce protrusion of the thrombus within the reperfusion scaffold, thereby increasing a diameter of a flow path established by the reperfusion scaffold; deploying the reperfusion device within the thrombus, thereby compressing the thrombus against the inner vessel wall and establishing one or more blood flow channels through the thrombus, wherein the one or more blood flow channels facilitate natural lysis of the thrombus; removing the reperfusion device; inserting an expandable thrombus removal device within the blood vessel to the location ofthe thrombus, wherein the expandable thrombus removal device comprises an expandable removal scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to allow thrombus penetration within the cells, thereby facilitating engagement ofthe thrombus by the removal scaffold; deploying the thrombus removal device within a remaining portion of the thrombus, thereby engaging the remaining portion of the thrombus; extracting the remaining portion of the thrombus engaged by the thrombus removal device from the blood vessel; and removing the thrombus removal device.

Regarding claim 64, the prior art of record, individually or in combination, does not teach or fairly suggest a method of using a plurality of expandable tip assemblies adapted to address an occlusive thrombus within a blood vessel for providing progressive therapy, the method comprising inserting an expandable reperfusion device within an occluded blood vessel having a thrombus; positioning the expandable reperfusion device to span at least a portion of a length ofthe thrombus; wherein the expandable reperfusion device comprises a self-expanding reperfusion scaffold having a plurality of interconnected struts that form cells sized and configured to inhibit protrusion of the thrombus into the reperfusion scaffold, thereby increasing a diameter of a flow path established by the reperfusion scaffold; deploying the reperfusion device within the thrombus, thereby compressing the thrombus against the inner vessel wall and establishing blood flow through the occluded blood vessel, wherein the established blood flow facilitates natural lysis ofthe thrombus; macerating the thrombus; wherein at least one ofthe natural lysis and the maceration fragment the thrombus until only a portion ofthe thrombus remains; removing the reperfusion device; inserting a thrombus removal device within the blood vessel to span at least a portion of a length of the remaining thrombus, wherein the thrombus removal device comprises a self-expanding removal scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to allow thrombus protrusion within the cells, thereby facilitating engagement ofthe remaining thrombus by the removal scaffold; deploying the thrombus removal device within the remaining thrombus to engage the remaining thrombus; and removing the thrombus removal device, thereby extracting the remaining thrombus.

Regarding claim 73, the prior art of record, individually or in combination, does not teach or fairly suggest a thrombus management method for addressing an occlusive thrombus within a blood vessel without distal embolic protection, the method comprising: identifying a cerebral artery having an occlusive thrombus; inserting a guide catheter into a patient; inserting a guide wire through the guide catheter into the cerebral artery and through the thrombus; inserting a microcatheter over the guidewire and through the thrombus; positioning a distal end of the microcatheter within about a centimeter past the thrombus; inserting an expandable tip assembly comprising a scaffold through the microcatheter; retracting the microcatheter, thereby causing the scaffold to expand; wherein said expansion compresses the thrombus against a wall of the cerebral artery; wherein said compression of the thrombus restores blood flow within the cerebral artery; wherein said restored blood flow facilitates natural lysis ofthe thrombus; and macerating the thrombus by resheathing the scaffold and unsheathing the scaffold, thereby facilitating mechanical lysis and fragmentation of the thrombus to release embolic particles; wherein the embolic particles flow in the direction of the blood flow and are not captured by any distal embolic protection member, but are instead lysed through the natural lysis process due to the restored blood flow.

Regarding claim 77, the prior art of record, individually or in combination, does not teach or fairly suggest a thrombus management method for addressing an occlusive thrombus within a blood vessel, the method comprising identifying an occluded blood vessel having an occlusive thrombus; selecting an expandable tip assembly based, at least in part, on a diameter of the identified occluded blood vessel, the expandable tip assembly comprising a proximal elongate member and a distal self-expanding scaffold; inserting the selected expandable tip assembly within the occluded vessel through a microcatheter such that the self-expanding scaffold is positioned at a location of the thrombus in a non-expanded configuration; retracting the microcatheter, thereby causing the scaffold to expand to an expanded configuration; wherein said expansion compresses the thrombus against a wall of the blood vessel; wherein said compression of the thrombus restores blood flow within the blood vessel; wherein said restored blood flow facilitates natural lysis of the thrombus; and macerating the thrombus by resheathing the self-expanding scaffold and unsheathing the self-expanding scaffold within the microcatheter, thereby facilitating mechanical lysis and fragmentation of the thrombus.

Regarding claim 83, the prior art of record, individually or in combination, does not teach or fairly suggest a thrombus management method for addressing an occlusive thrombus within a blood vessel by providing multiple layer embolus removal, comprising identifying an embolus within a cerebral artery; inserting an expandable reperfusion device within the cerebral artery to the location of the embolus; expanding the reperfusion device within the embolus, thereby establishing one or more blood flow channels through the embolus, wherein the one or more blood flow channels facilitate natural lysis of the embolus to remove one or more outer layers of the embolus; removing the reperfusion device; inserting an expandable embolus removal device within the cerebral artery to the location of the embolus; expanding the embolus removal device within a remaining portion of the embolus, thereby engaging the remaining portion of the embolus; extracting the remaining portion of the embolus with the embolus removal device from the cerebral artery; and removing the embolus removal device.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
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Regarding claim 92, the prior art of record, individually or in combination, does not teach or fairly suggest a thrombus management method for addressing an occlusive thrombus within a blood vessel by providing multiple layer embolus removal from a cerebral artery, comprising identifying an embolus within a cerebral artery; wherein the embolus comprises an outer layer and an inner core; establishing one or more blood flow channels through the embolus to restore blood flow; disturbing the embolus by mechanical maceration of the embolus to release embolic particles from the outer layer of the embolus, thereby allowing the embolic particles to freely flow in the direction of the blood flow without capturing said embolic particles; wherein said restored blood flow causes lysis of the embolic particles; and extracting the inner core of the embolus.

Claims 2-32, 35-48, 55-63, 65-72, 74-76, 78-82, 84-91, 93-101, and 103-104 depend from base Claims 1, 33, 34, 54, 64, 73, 77, 83 and 92, and therefore have novelty for at least the same reasons as do base Claims 1, 33, 34, 54, 64, 73, 77, 83 and 92.

The following prior art is made of record to support and further define the reasons for allowance of base Claims 1, 33, 34, 54, 64, 73, 77, 83 and 92:

(i) Fulkerson discloses an expandable tip assembly adapted to address an occlusive thrombus (Title; Abstract) within a blood vessel without distal embolic protection (Fig. 1 shows no distal embolic protection, ie- screen or filter), comprising a hypotube (Para. [0047] The instant revascularization system delivery device may be made from materials knownto artisans, including stainless steel hypotube, stainless steel coil, polymerjackets, and/or radiopaque jackets; Para. [0050] distal segment 120 comprises inner catheter 122 and revascularization device 124 (as shown here in one embodiment having uniform cells, variable cells likewise being within)) having a proximal portion (Para. [0049] proximal segment 110 and distal segment 120), a distal portion (Para. [0049]) and a lumen (Para. [0047] delivery device 130 provides a conduit in fluid communication with the lumen of the catheter-based revascularization system 100 enabling users) sized and adapted to receive a guidewire (Para. [0003] catheter systems having guidewires to access and emplace improved neurological medical devices into the cerebral vasculature); an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration upon unsheathing of the scaffold and to transition from the expanded configuration to the non-expanded configuration upon resheathing of the scaffold (Para. [0057] After the embolus is lysed, revascularization device 124 is sheathed into outer catheter 112 and removed from the body); wherein the scaffold comprises a generally cylindrical configuration (Fig. 2 at 120); wherein the scaffold comprises a laser-cut tube (Para. [0050] is made from stainless steel coil, stainless steel wire, or ribbon or laser cut hypotube and is of a suitable length and diameter to move through outer catheter 112 during deployment); wherein the scaffold comprises an open distal end without a distal embolic protection member or device (Fig. 2 shows open distal end without distal embolic protection member); wherein a proximal end of the scaffold comprises a cut-out section adapted to facilitate re-sheathing of the scaffold (Para. [0057] After the embolus is lysed, revascularization device 124 is sheathed into outer catheter 112 and removed from the body); wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges (Fig. 2 defined by the open spaces in 124); but the prior art of record, individually or in combination, does not teach or fairly suggest a variable-stiffness hypotube wherein the distal portion of the hypotube has a greater flexibility than the proximal portion; wherein the greater flexibility is provided by spiral laser cuts spaced along the distal portion of the hypotube; wherein each strut has two ends, with each end connected to one of the bridges; wherein the scaffold has a chronic outward force (COF) per unit length that does not decrease by more than 75% from an expansion diameter of 1.5 mm to an expansion diameter of 4.5 mm; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal wherein the spacing between the spiral cuts decreases from a proximal end of the distal portion to a distal end of the distal portion.

(ii) Fulkerson discloses an expandable tip assembly configured to address an occlusive thrombus (Title; Abstract) within a blood vessel without distal embolic protection (Fig. 1 shows no distal embolic protection, ie- screen or filter), comprising an elongate member (Fig. 1 at 110); an expandable and reconstrainable scaffold coupled to the distal end of the hypotube (Fig. 2 at 120), the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration (Para. [0007] a self-expanding radial filter/revascularization device and basket assembly detachably tethered to the catheter system which functions in at least three respective modes) and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the scaffold (Para. [0057] After the embolus is lysed, revascularization device 124 is sheathed into outer catheter 112 and removed from the body); wherein the scaffold comprises a laser-cut tube (Para. [0050] is made from stainless steel coil, stainless steel wire, or ribbon or laser cut hypotube and is of a suitable length and diameter to move through outer catheter 112 during deployment); wherein the scaffold is coupled to the distal end of the elongate member by a plurality of tether lines (Fig. 2 where 122 has tether lines to 124); wherein the scaffold comprises an open distal end without a distal embolic protection member or device (Fig. 2 shows open distal end without distal embolic protection member); wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges (Fig. 2 defined by the open spaces in 124), but the prior art of record, individually or in combination, does not teach or fairly suggest wherein a proximal end of the scaffold comprises a scooped-out section configured to facilitate re-sheathing of the scaffold; wherein each strut has two ends, with each end connected to one of the bridges; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Supplemental Box

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(iii) Fulkerson discloses a system comprising a plurality of expandable tip assemblies configured to address an occlusive thrombus (Title; Abstract) within a blood vessel for providing progressive therapy without distal embolic protection (Fig. 1 shows no distal embolic protection, ie- screen or filter), the system comprising a first expandable tip assembly comprising a first elongate member (Fig. 1 at 110) and a first self-expanding scaffold (Fig. 2 at 120); wherein the first self-expanding scaffold is coupled to a distal end of the first elongate member (Fig. 2); wherein the first self-expanding scaffold comprises an open distal end without a distal embolic protection member or device (Fig. 2 shows open distal end without distal embolic protection member); wherein the first self-expanding scaffold comprises open cells formed by a pattern of struts and bridges (Fig. 2 defined by the open spaces in 124), but the prior art of record, individually or in combination, does not teach or fairly suggest wherein said cells have a cell size configured to hinder penetration of thrombus material within the first self-expanding scaffold, thereby increasing an amount of blood flow through the first self-expanding scaffold; and a second expandable tip assembly comprising a second elongate member and a second self-expanding scaffold; herein the second self-expanding scaffold is coupled to a distal end of the second elongate member; wherein the second self-expanding scaffold comprises an open distal end without a distal embolic protection member or device; wherein the second self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size larger than the cell size of the first self-expanding scaffold, wherein said cell size of the second self-expanding scaffold is configured to enhance penetration of thrombus material within the scaffold to facilitate capture of the thrombus; wherein, in use, the first self-expanding scaffold and the second self-expanding scaffold are adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the nonexpanded configuration upon unsheathing and re-sheathing of the first and second self expanding scaffolds.

(iv) Brady discloses an expandable tip assembly configured to address an occlusive thrombus (Title; Abstract) within a blood vessel, but with distal embolic protection (Fig. 1 shows a retractable guidewire tip, but with a distal embolic protection, ie- screen or filter), comprising an elongate member (Fig. 1 at 101); the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration (Para. [0066]) a self-expanding radial filter/revascularization device and basket assembly detachably tethered to the catheter system which functions in at least three respective modes and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the scaffold (Para. [0066] The support frame 111 is such that it is naturally expanded as shown in the drawings and can be collapsed inwardly against the sleeve 104); wherein the scaffold comprises a laser-cut tube (Para. [0074] Typically the finishing operations involve processes such as mechanical machining operations, laser machining or chemical machining); wherein the scaffold is coupled to the distal end of the elongate member by a plurality of tether lines (Fig. 1 where 111 has tether lines to 125), but the prior art of record, individually or in combination, does not teach or fairly suggest the device wherein the scaffold comprises an open distal end without a distal embolic protection member or device; wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges, wherein a proximal end of the scaffold comprises a scooped-out section configured to facilitate re-sheathing of the scaffold; wherein each strut has two ends, with each end connected to one of the bridges; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal or an expandable and reconstrainable scaffold coupled to the distal end of the hypotube.

Claims 1-48, 54-101, and 103-104 meet the criteria set out in PCT Article 33(4) and thus have industrial applicability because the subject matter claimed can be made or used in industry.

WHAT IS CLAIMED IS:

1. An expandable tip assembly adapted to address an occlusive thrombus within a blood vessel without distal embolic protection, comprising:

a variable-stiffness hypotube having a proximal portion, a distal portion and a lumen sized and adapted to receive a guidewire;

wherein the distal portion of the hypotube has a greater flexibility than the proximal portion;

wherein the greater flexibility is provided by spiral laser cuts spaced along the distal portion of the hypotube;

wherein the spacing between the spiral cuts decreases from a proximal end of the distal portion to a distal end of the distal portion;

an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration upon unsheathing of the scaffold and to transition from the expanded configuration to the non-expanded configuration upon re-sheathing of the scaffold;

wherein the scaffold comprises a generally cylindrical configuration;

wherein the scaffold comprises a laser-cut tube;

wherein the scaffold comprises an open distal end without a distal embolic protection member or device;

wherein a proximal end of the scaffold comprises a cut-out section adapted to facilitate re-sheathing of the scaffold;

wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges;

wherein each strut has two ends, with each end connected to one of the bridges;

wherein the scaffold has a chronic outward force (COF) per unit length that does not decrease by more than 75% from an expansion diameter of 1.5 mm to an expansion diameter of 4.5 mm; and

wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal.

2. The expandable tip assembly of Claim 1, wherein each bridge is connected to four struts.

3. The expandable tip assembly of Claim 1, wherein the scaffold is coupled to the distal end of the hypotube by a plurality of tether lines that extend eccentrically from one half of the distal end of the hypotube.

4. The expandable tip assembly of Claim 1, wherein the scaffold has a chronic outward force (COF) per unit length that does not decrease by more than 50% from a diameter of 1.5 mm to a diameter of 4.5 mm.

5. The expandable tip assembly of Claim 1, wherein the cells of the scaffold have a uniform cell size.

6. The expandable tip assembly of Claim 1, wherein the cells of the scaffold have a variable cell size, and further wherein the cell size of the cells at the end portions of the scaffold are smaller than the cell size of the cells of the middle portion of the scaffold.

7. The expandable tip assembly of Claim 1, wherein the strut thickness is substantially equal to the strut width.

8. The expandable tip assembly of Claim 1, wherein a ratio of strut thickness to strut width is less than at least about 1.4.

9. The expandable tip assembly of Claim 1, wherein the expandable tip assembly comprises a reperfusion device and wherein the cells of the scaffold have a cell size adapted to inhibit protrusion of portions of the thrombus within an interior of the scaffold.

10. The expandable tip assembly of Claim 9, wherein the cells of the scaffold have a cell length of between 2 mm and 4 mm and a cell height between 1 mm and 3 mm in the expanded configuration.

11. The expandable tip assembly of Claim 9, wherein the scaffold has an average chronic outward force across a diameter of 1.5 mm to 4.5 mm of between 0.0040 N and 0.0120 N.

12. The expandable tip assembly of Claim 9, wherein the scaffold has a maximum expansion diameter of 5 mm.

13. The expandable tip assembly of Claim 9, wherein the scaffold has a length of about 30 mm.

14. The expandable tip assembly of Claim 9, wherein an exterior, contact surface of the struts comprises a squared-off or rounded configuration to increase the contact surface area of the scaffold, thereby enhancing compression of the thrombus.

15. The expandable tip assembly of Claim 9, wherein an exterior, contact surface of the struts comprises a pointed or tapered configuration.

16. The expandable tip assembly of Claim 1, wherein the expandable tip assembly comprises a thrombus removal device, and wherein the cells of the scaffold have a cell size adapted to promote protrusion of portions of the thrombus within an interior of the scaffold.

17. The expandable tip assembly of Claim 16, wherein the cells of the scaffold have a cell length of between 4 mm and 6 mm and a cell height between 2 mm and 4 mm in the expanded configuration.

18. The expandable tip assembly of Claim 16, wherein the scaffold has an average chronic outward force across a diameter of 1.5 mm to 4.5 mm of between 0.0020 N and 0.0090 N.

19. The expandable tip assembly of Claim 16, wherein an exterior, contact surface of the struts comprises a pointed or tapered configuration.

20. The expandable tip assembly of Claim 16, wherein the struts comprise one or more surface features adapted to enhance engagement of thrombus material.

21. The expandable tip assembly of Claim 20, wherein the struts comprise one or more grooves.

22. The expandable tip assembly of Claim 20, wherein the struts comprise one or more protrusions or projections.

23. The expandable tip assembly of Claim 16, wherein a central portion of each strut of the scaffold has a greater thickness than adjacent portions of the strut.

24. The expandable tip assembly of Claim 16, wherein the struts comprise multiple flex points along the length of the struts.

25. The expandable tip assembly of Claim 16, wherein the bridges form X-shaped connections between the cells of the scaffold.

26. The expandable tip assembly of Claim 16, wherein the bridges have a greater thickness than adjacent portions of the struts connected to the bridges.

27. The expandable tip assembly of Claim 16, wherein the scaffold has a maximum expansion diameter of 3 mm

28. The expandable tip assembly of Claim 16, wherein the scaffold has a maximum expansion diameter of 5 mm.

29. The expandable tip assembly of Claim 16, wherein the scaffold has a length of about 30 mm.

30. A method of using an expandable tip assembly as in any one of Claims 1 through 29 to address an occlusive thrombus within a blood vessel.

31. A method of using an expandable tip assembly as in any one of Claims 1 through 15 to reperfuse an occluded blood vessel having an occlusive thrombus.

32. A method of using an expandable tip assembly as in any one of Claims 1 through 8 or Claims 16 through 29 to extract thrombus material from an occluded blood vessel.

33. An expandable tip assembly configured to address an occlusive thrombus within a blood vessel without distal embolic protection, comprising:

an elongate member;

an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the scaffold;

wherein the scaffold comprises a laser-cut tube;

wherein the scaffold is coupled to the distal end of the elongate member by a plurality of tether lines;

wherein the scaffold comprises an open distal end without a distal embolic protection member or device;

wherein a proximal end of the scaffold comprises a scooped-out section configured to facilitate re-sheathing of the scaffold;

wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges;

wherein each strut has two ends, with each end connected to one of the bridges; and

wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal.

34. A system comprising a plurality of expandable tip assemblies configured to address an occlusive thrombus within a blood vessel for providing progressive therapy without distal embolic protection, the system comprising:

a first expandable tip assembly comprising a first elongate member and a first self-expanding scaffold;

wherein the first self-expanding scaffold is coupled to a distal end of the first elongate member;

wherein the first self-expanding scaffold comprises an open distal end without a distal embolic protection member or device;

wherein the first self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size configured to hinder penetration of thrombus material within the first self-expanding scaffold, thereby increasing an amount of blood flow through the first self-expanding scaffold; and

a second expandable tip assembly comprising a second elongate member and a second self-expanding scaffold;

wherein the second self-expanding scaffold is coupled to a distal end of the second elongate member;

wherein the second self-expanding scaffold comprises an open distal end without a distal embolic protection member or device;

wherein the second self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size larger than the cell size of the first self-expanding scaffold, wherein said cell size of the second self-expanding scaffold is configured to enhance penetration of thrombus material within the scaffold to facilitate capture of the thrombus;

wherein, in use, the first self-expanding scaffold and the second self-expanding scaffold are adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the first and second self-expanding scaffolds.

35. The system of Claim 34, further comprising a microcatheter adapted to receive the first and second self-expanding scaffolds and further adapted to be movable with respect to the first and second self-expanding scaffolds to provide the unsheathing and re-sheathing of the first and second self-expanding scaffolds.

36. The system of Claim 34 or 35, wherein the first elongate member and the second elongate member comprise a variable-stiffness hypotube having a lumen.

37. The system of Claim 36, further comprising a guidewire configured to be received by the first elongate member and the second elongate member.

38. The system of Claim 36, wherein a distal section of the variable-stiffness hypotube comprises a laser spiral cut pattern that allows the distal section to bend to navigate through curved portions of the cerebral vasculature.

39. The system of Claim 38, wherein said laser spiral cut pattern spans a length of about 35 cm.

40. The system of Claim 34 or 35, wherein the first elongate member and the second elongate member comprise a wire without a lumen.

41. The system of Claim 34 or 35, wherein the first expandable tip assembly and the second expandable tip assembly have an average chronic outward force across a diameter of 1.5 mm to 4.5 mm that does not decrease by more than 50% to 75%.

42. The system of Claim 34 or 35, wherein the first self-expanding scaffold and the second self-expanding scaffold have a substantially non-zero chronic outward force across a diameter of 1.5 mm to 4.5 mm.

43. The system of Claim 34 or 35, wherein the cells of the first self-expanding scaffold have a cell length of between 2 mm and 4 mm and a cell height between 1 mm and 3 mm in an expanded configuration.

44. The system of Claim 34 or 35, wherein the first self-expanding scaffold has an average chronic outward force across a diameter of 1.5 mm to 4.5 mm of between 0.0040 N and 0.0120 N.

45. The system of Claim 34 or 35, wherein the cells of the second self-expanding scaffold have a cell length of between 4 mm and 6 mm and a cell height between 2 mm and 4 mm in an expanded configuration.

46. The system of Claim 34 or 35, wherein the second self-expanding scaffold has an average chronic outward force across a diameter of 1.5 mm to 4.5 mm of between 0.0020 N and 0.0090 N.

47. The system of Claim 34 or 35, wherein a central portion of each strut of the second self-expanding scaffold has a greater thickness than adjacent portions of the strut.

48. The system of Claim 34 or 35, wherein the first expandable tip assembly comprises a reperfusion device adapted to facilitate blood flow restoration and the second expandable tip assembly comprises a thrombus removal device adapted to be inserted after removal of the reperfusion device, wherein the thrombus removal device is further adapted to facilitate removal of any remaining thrombus material.

49. A kit comprising a plurality of expandable tip assemblies configured to address an occlusive thrombus within a blood vessel for providing progressive therapy without distal embolic protection, the kit comprising:

a first expandable tip assembly as in any one of Claims 1 through 15;

a second expandable tip assembly as in any one of Claims 1 through 8 or Claims 16 through 29.

50. The kit of Claim 49, further comprising a microcatheter adapted to deliver the first expandable tip assembly and the second expandable tip assembly within the blood vessel.

51. The kit of Claim 50, wherein the microcatheter comprises a neuro-microcatheter sized to be inserted within cerebral vasculature of a human patient.

52. The kit of any one of Claims 49-51, further comprising a guide catheter.

53. The kit of any one of Claims 49-51, further comprising a guidewire.

54. A method of using a plurality of expandable tip assemblies adapted to address an occlusive thrombus within a blood vessel for providing progressive therapy, the method comprising:

identifying a thrombus within a blood vessel;

inserting an expandable reperfusion device within the blood vessel to the location of the thrombus,

wherein the expandable reperfusion device comprises an expandable reperfusion scaffold having a plurality of interconnected struts that form cells having a cell size that

is sized and configured to reduce protrusion of the thrombus within the reperfusion scaffold, thereby increasing a diameter of a flow path established by the reperfusion scaffold;

deploying the reperfusion device within the thrombus, thereby compressing the thrombus against the inner vessel wall and establishing one or more blood flow channels through the thrombus,

wherein the one or more blood flow channels facilitate natural lysis of the thrombus;

removing the reperfusion device;

inserting an expandable thrombus removal device within the blood vessel to the location of the thrombus,

wherein the expandable thrombus removal device comprises an expandable removal scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to allow thrombus penetration within the cells, thereby facilitating engagement of the thrombus by the removal scaffold;

deploying the thrombus removal device within a remaining portion of the thrombus, thereby engaging the remaining portion of the thrombus;

extracting the remaining portion of the thrombus engaged by the thrombus removal device from the blood vessel; and

removing the thrombus removal device.

55. The method of Claim 54, wherein the expandable reperfusion device and the expandable thrombus removal device comprise self-expanding devices.

56. The method of Claim 55, wherein the expandable reperfusion device and the expandable thrombus removal device are inserted into the blood vessel within a microcatheter to the location of the thrombus.

57. The method of Claim 56, wherein deploying the reperfusion device comprises retracting the microcatheter, thereby allowing the reperfusion device to expand within the thrombus.

58. The method of Claim 56, wherein deploying the thrombus removal device comprises retracting the microcatheter, thereby allowing the thrombus removal device to expand within the thrombus.

59. The method of Claim 56, wherein removing the reperfusion device comprises resheathing the reperfusion device by advancing the microcatheter over the reperfusion device while keeping the reperfusion device stationary and then removing the microcatheter with the reperfusion device together.

60. The method of Claim 54, wherein an expansion diameter of the reperfusion device is configured to provide increased cell deformation of the reperfusion scaffold, thereby reducing protrusion of thrombus material within the reperfusion scaffold.

61. The method of Claim 54, wherein an expansion diameter of the thrombus removal device is configured to provide reduced cell deformation of the removal scaffold, thereby increasing thrombus penetration within the removal scaffold.

62. The method of Claim 57, further comprising resheathing the reperfusion device within the microcatheter by advancing the microcatheter and then unsheathing the reperfusion device by retracting the microcatheter to provide maceration of the thrombus.

63. The method of Claim 54, wherein the cells of the reperfusion scaffold in an expanded configuration have a cell length of between 2 mm and 4 mm and a cell height between 1 mm and 3 mm and wherein the cells of the removal scaffold in an expanded configuration have a cell length of between 4 mm and 6 mm and a cell height between 2 mm and 4 mm.

64. A method of using a plurality of expandable tip assemblies adapted to address an occlusive thrombus within a blood vessel for providing progressive therapy, the method comprising:

inserting an expandable reperfusion device within an occluded blood vessel having a thrombus;

positioning the expandable reperfusion device to span at least a portion of a length of the thrombus;

wherein the expandable reperfusion device comprises a self-expanding reperfusion scaffold having a plurality of interconnected struts that form cells sized and configured to inhibit protrusion of the thrombus into the reperfusion scaffold, thereby increasing a diameter of a flow path established by the reperfusion scaffold;

deploying the reperfusion device within the thrombus, thereby compressing the thrombus against the inner vessel wall and establishing blood flow through the occluded blood vessel,

wherein the established blood flow facilitates natural lysis of the thrombus;

macerating the thrombus;

wherein at least one of the natural lysis and the maceration fragment the thrombus until only a portion of the thrombus remains;

removing the reperfusion device;

inserting a thrombus removal device within the blood vessel to span at least a portion of a length of the remaining thrombus,

wherein the thrombus removal device comprises a self-expanding removal scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to allow thrombus protrusion within the cells, thereby facilitating engagement of the remaining thrombus by the removal scaffold;

deploying the thrombus removal device within the remaining thrombus to engage the remaining thrombus; and

removing the thrombus removal device, thereby extracting the remaining thrombus.

65. The method of Claim 64, wherein macerating the thrombus comprises sheathing and unsheathing of the reperfusion scaffold, wherein said sheathing and unsheathing causes the reperfusion scaffold to compress and expand.

66. The method of Claim 64 or Claim 65, wherein the reperfusion device and the thrombus removal device are inserted into the blood vessel within a microcatheter.

67. The method of Claim 66, wherein deploying the reperfusion device comprises retracting the microcatheter, thereby allowing the reperfusion device to expand within the thrombus.

68. The method of Claim 66, wherein deploying the thrombus removal device comprises retracting the microcatheter, thereby allowing the thrombus removal device to expand within the thrombus.

69. The method of Claim 67, wherein removing the reperfusion device comprises resheathing the reperfusion device by advancing the microcatheter over the reperfusion

device while keeping the reperfusion device stationary and then removing the microcatheter with the reperfusion device together.

70. The method of Claim 66, wherein an expansion diameter of the reperfusion device is configured to provide increased cell deformation of the reperfusion scaffold, thereby reducing thrombus penetration within an interior of the reperfusion scaffold.

71. The method of Claim 64, wherein an expansion diameter of the thrombus removal device is configured to provide reduced cell deformation of the removal scaffold, thereby increasing thrombus protrusion within the removal scaffold.

72. The method of Claim 64, wherein the cells of the expandable reperfusion device in an expanded configuration have a cell length of between 2 mm and 4 mm and a cell height between 1 mm and 3 mm and wherein the cells of the expandable thrombus removal device in an expanded configuration have a cell length of between 4 mm and 6 mm and a cell height between 2 mm and 4 mm.

73. A thrombus management method for addressing an occlusive thrombus within a blood vessel without distal embolic protection, the method comprising:

identifying a cerebral artery having an occlusive thrombus;

inserting a guide catheter into a patient;

inserting a guide wire through the guide catheter into the cerebral artery and through the thrombus;

inserting a microcatheter over the guidewire and through the thrombus;

positioning a distal end of the microcatheter within about a centimeter past the thrombus;

inserting an expandable tip assembly comprising a scaffold through the microcatheter;

retracting the microcatheter, thereby causing the scaffold to expand;

wherein said expansion compresses the thrombus against a wall of the cerebral artery;

wherein said compression of the thrombus restores blood flow within the cerebral artery;

wherein said restored blood flow facilitates natural lysis of the thrombus; and

macerating the thrombus by resheathing the scaffold and unsheathing the scaffold, thereby facilitating mechanical lysis and fragmentation of the thrombus to release embolic particles;

wherein the embolic particles flow in the direction of the blood flow and are not captured by any distal embolic protection member, but are instead lysed through the natural lysis process due to the restored blood flow.

74. The thrombus management method of Claim 73, further comprising engaging any remaining thrombus material and removing the remaining thrombus material with the expandable tip assembly.

75. The thrombus management method of Claim 73, further comprising removing the expandable tip assembly and inserting a second expandable tip assembly into the microcatheter, the second expandable tip assembly having a self-expanding scaffold with cells having a cell size configured to increase penetration of the remaining thrombus material into the cells to facilitate capture of the remaining thrombus material.

76. The thrombus management method of Claim 75, further comprising engaging any remaining thrombus material and removing the remaining thrombus material with the second expandable tip assembly.

77. A thrombus management method for addressing an occlusive thrombus within a blood vessel, the method comprising:

identifying an occluded blood vessel having an occlusive thrombus;

selecting an expandable tip assembly based, at least in part, on a diameter of the identified occluded blood vessel, the expandable tip assembly comprising a proximal elongate member and a distal self-expanding scaffold;

inserting the selected expandable tip assembly within the occluded vessel through a microcatheter such that the self-expanding scaffold is positioned at a location of the thrombus in a non-expanded configuration;

retracting the microcatheter, thereby causing the scaffold to expand to an expanded configuration;

wherein said expansion compresses the thrombus against a wall of the blood vessel;

wherein said compression of the thrombus restores blood flow within the blood vessel;

wherein said restored blood flow facilitates natural lysis of the thrombus; and

macerating the thrombus by resheathing the self-expanding scaffold and unsheathing the self-expanding scaffold within the microcatheter, thereby facilitating mechanical lysis and fragmentation of the thrombus.

78. The thrombus management method of Claim 77, further comprising engaging the remaining thrombus material and removing the remaining thrombus material with the expandable tip assembly.

79. The thrombus management method of Claim 77, further comprising removing the expandable tip assembly and inserting a second expandable tip assembly into the microcatheter, the second expandable tip assembly having a self-expanding scaffold with cells having a cell size configured to increase protrusion of the remaining thrombus material within the cells to facilitate capture of the remaining thrombus material.

80. The thrombus management method of Claim 79, further comprising removing the remaining thrombus material with the second expandable tip assembly.

81. The thrombus management method of any one of Claims 77 through 80, wherein the blood vessel comprises a cerebral artery, and wherein the proximal elongate member comprises a flexible, distal portion configured to navigate curved portions of cerebral vasculature during delivery to the cerebral artery.

82. The thrombus management method of Claim 77, wherein blood flow is restored in less than two minutes from deployment of the self-expanding scaffold within the thrombus.

83. A thrombus management method for addressing an occlusive thrombus within a blood vessel by providing multiple layer embolus removal, comprising:

identifying an embolus within a cerebral artery;

inserting an expandable reperfusion device within the cerebral artery to the location of the embolus;

expanding the reperfusion device within the embolus, thereby establishing one or more blood flow channels through the embolus,

wherein the one or more blood flow channels facilitate natural lysis of the embolus to remove one or more outer layers of the embolus;

removing the reperfusion device;

inserting an expandable embolus removal device within the cerebral artery to the location of the embolus;

expanding the embolus removal device within a remaining portion of the embolus, thereby engaging the remaining portion of the embolus;

extracting the remaining portion of the embolus with the embolus removal device from the cerebral artery; and

removing the embolus removal device.

84. The method of Claim 83, wherein the reperfusion device comprises an expandable tip assembly including a proximal elongate member and a distal self-expanding scaffold.

85. The method of Claim 84, wherein said scaffold comprises open cells having a cell size that is configured to decrease penetration of the embolus within the scaffold, thereby increasing blood flow through the scaffold.

86. The method of Claim 83, wherein the embolus removal device comprises an expandable tip assembly including a proximal elongate member and a distal self-expanding scaffold.

87. The method of Claim 86, wherein said scaffold comprises open cells having a cell size that is configured to increase protrusion of the remaining portion of the embolus within the scaffold to facilitate capture of the remaining portion of the embolus.

88. The method of Claim 84, wherein inserting an expandable reperfusion device within the cerebral artery to the location of the embolus comprises inserting the expandable reperfusion device through a microcatheter such that the self-expanding scaffold is in a non-expanded configuration.

89. The method of Claim 84, wherein expanding the reperfusion device within the embolus comprises retracting the microcatheter, thereby allowing the self-expanding scaffold to deploy to an expanded configuration.

90. The method of Claim 83, wherein the one or more outer layers of the embolus comprise platelets and red blood cells.

91. The method of Claim 83, wherein the remaining portion of the embolus comprises a firm fibrin core of the embolus.

92. A thrombus management method for addressing an occlusive thrombus within a blood vessel by providing multiple layer embolus removal from a cerebral artery, comprising:

identifying an embolus within a cerebral artery;

wherein the embolus comprises an outer layer and an inner core;

establishing one or more blood flow channels through the embolus to restore blood flow;

disturbing the embolus by mechanical maceration of the embolus to release embolic particles from the outer layer of the embolus, thereby allowing the embolic particles to freely flow in the direction of the blood flow without capturing said embolic particles;

wherein said restored blood flow causes lysis of the embolic particles; and

extracting the inner core of the embolus.

93. The method of Claim 92, wherein said restored blood flow causes further release of embolic particles from the outer layer of the embolus.

94. The method of Claim 92, wherein the outer layer of the embolus comprises a softer portion of the embolus than the inner core of the embolus.

95. The method of Claim 92, wherein the outer layer comprises platelets and red blood cells.

96. The method of Claim 92, wherein the inner core of the embolus comprises a fibrin core that has a hardness that exceeds the hardness of the outer layer of the embolus.

97. The method of any one of Claims 92 through 96, wherein establishing one or more blood flow channels through the embolus to facilitate natural lysis of the embolus comprises expanding an expandable reperfusion device within the embolus.

98. The method of Claim 97, further comprising macerating the embolus with the expandable reperfusion device.

99. The method of any one of Claims 92 through 96, wherein extracting a remaining portion of the embolus comprises expanding an expandable embolus removal device within the embolus to engage and capture the inner core of the embolus.

100. The expandable tip assembly of any one of Claims 1 through 8 or Claim 33, wherein the expandable tip assembly comprises a reperfusion device and wherein the cells of the scaffold have a cell size adapted to inhibit protrusion of portions of the thrombus within an interior of the scaffold.

101. The expandable tip assembly of any one of Claims 1 through 8 or Claim 33, wherein the expandable tip assembly comprises a thrombus removal device, and wherein the cells of the scaffold have a cell size adapted to promote protrusion of portions of the thrombus within an interior of the scaffold.

102. A method of using an expandable tip assembly as in Claim 100 or Claim 101 to address an occlusive thrombus within a blood vessel.

103. A method of using an expandable tip assembly as in Claim 100 to reperfuse an occluded blood vessel having an occlusive thrombus.

104. A method of using an expandable tip assembly as in Claim 101 to extract thrombus material from an occluded blood vessel.

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MAILED
JAN 13 2012
OFFICE OF PETITIONS

In re Application of
Ferrera et al.
Application No.: 13/281,348
Filed: October 25, 2011
Attorney Docket No.: MDFR.001P6
For: Thrombus Management System

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the PCT Patent Prosecution Highway (PCT-PPH) pilot program and the petition under 37 CFR 1.102(a), filed on October 25, 2011, to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PCT-PPH pilot program and petition to make special require:

(1) The U.S. application must have an eligible relationship to one or more PCT applications where the ISA or IPEA are the JPO, EPO, KIPO, NPI, NBPR, or USPTO;

(2) At least one claim in the PCT application has novelty, inventive step, and industrial applicability and must be free of any observations in Box VIII in the latest work product in the international stage or applicant must identify and explain why the claim(s) is/are not subject to the observation in Box VIII;

(3) Applicant must submit a copy of the claim(s) from the PCT application(s) that have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate, if the claims are not in the English language;

(4) All the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the claim(s) that have novelty, inventive step, and industrial applicability in the PCT application(s);

(5) Examination of the U.S. application has not begun;

(6) Applicant must submit a copy of the latest international work product from the PCT application indicating that the claim(s) have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate if the latest international work product is not in the English language;

(7) Applicant must submit an IDS listing the documents cited by the PCT examiner in the international work product along with copies of documents except U.S. patents or U.S. patent application publications.

The request to participate in the PCT-PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Inquiries concerning this decision should be directed to Petitions Examiner Liana Walsh at (571) 272-3206.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application will be forwarded to the examiner for action on the merits commensurate with this decision once this application's formality reviews have been completed.

/dab/
David Bucci
Petitions Examiner
Office of Petitions

Doc Code: PPH.PCT.652
Document Description: Petition to make special under PCT-Patent Pros Hwy

PTO/SB/20PCT-US (09-10)
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REQUEST FOR PARTICIPATION IN THE PATENT COOPERATION TREATY - PATENT PROSECUTION HIGHWAY (PCT-PPH) PILOT PROGRAM IN A U.S. APPLICATION WHERE THE USPTO WAS THE ISA OR IPEA

Application No:	Unknown	Filing date:	October 25, 2011
First Named Inventor:	David A. Ferrera		
Title of the Invention:	EXPANDABLE TIP ASSEMBLY FOR THROMBUS MANAGEMENT		

THIS REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM ALONG WITH THE REQUIRED DOCUMENTS MUST BE SUBMITTED VIA EFS-WEB. INFORMATION REGARDING EFS-WEB IS AVAILABLE AT HTTP://WWW.USPTO.GOV/EBC/EFS_HELP.HTML

APPLICANT HEREBY REQUESTS PARTICIPATION IN THE PCT-PPH PROGRAM AND PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE PCT-PPH PROGRAM.

The above-identified application is (1) a national stage entry of the corresponding PCT application, or (2) a national stage entry of another PCT application which claims priority to the corresponding PCT application, or (3) a national application that claims domestic/ foreign priority to the corresponding PCT application, or (4) a national application which forms the basis for the priority claim in the corresponding PCT application, or (5) a continuing application of a U.S. application that satisfies one of (1) to (4) above, or (6) a U.S. application that claims domestic benefit to a U.S. provisional application which forms the basis for the priority claim in the corresponding PCT application.

The corresponding PCT application number(s) is/are: PCT/US2010/062532

The international date of the corresponding PCT application(s) is/are:

December 30, 2010

I. List of Required Documents:

a. **A copy of the latest international work product (WO/ISA, WO/IPEA, or IPER) in the above–identified corresponding PCT application(s)**

☒ Is attached

☐ Is not attached because the document is already in the U.S. application.

b. **A copy of all claims which were indicated as having novelty, inventive step and industrial applicability in the above-identified corresponding PCT application(s).**

☒ Is attached.

☐ Is not attached because the document is already in the U.S. application.

c. **English translations of the documents in a. and b. above are attached (if the documents are not in the English language). A statement that the English translation is accurate is attached for the document in b. above.**

This collection of information is required by 35 U.S.C. 119, 37 CFR 1.55, and 37 CFR 1.102(d). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

PTO/SB/20PCT-US (09-10)
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM IN A U.S. APPLICATION WHERE THE USPTO WAS THE ISA OR IPEA (continued)

Application No.:	Unknown
First Named Inventor:	David A. Ferrera

d. **(1) An information disclosure statement listing the documents cited in the international work products (ISR, WO/ISA, WO/IPEA, IPER) of the corresponding PCT application.**

☒ Is attached

☐ Has already been filed in the above-identified U.S. application on _____

(2) Copies of all documents (except) for U.S. patents or U.S. patent application publications)

☒ Are attached.

☐ Have already been filed in the above-identified U.S. application on _____

II. Claims Correspondence Table:

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
1-5	1-5	Identical
6	6	Amended but dependent on (e.g., narrower in scope than) Claim 1
7-8	7-8	Identical
9	16	Identical
10	10	Amended but dependent on (e.g., narrower in scope than) Claim 1
11	11	Amended but dependent on (e.g., narrower in scope than) Claim 1
12	20	Identical except for claim dependency
13	21	Amended but dependent on (e.g., narrower in scope than) Claim 1
14-17	23-26	Identical except for claim dependency
18-25	1	New dependent claims (e.g., narrower in scope than Claim 1)

III. All the claims in the US application sufficiently correspond to the patentable claims in the corresponding PCT application.

Signature /Michael R. Christensen/	Date October 25, 2011
Name (Print/Typed) Michael R. Christensen	Registration Number 57505

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To: MICHAEL CHRISTENSEN
KNOBBE, MARTENS, OLSON & BEAR, LLP
2040 MAIN STREET, 14TH FLOOR
IRVINE, CA 92614

PCT

WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43*bis*.1)

Date of mailing *(day/month/year)*	09 MAR 2011
Applicant's or agent's file reference MDFR-1P1P1WO	**FOR FURTHER ACTION** See paragraph 2 below

International application No.	International filing date *(day/month/year)*	Priority date *(day/month/year)*
PCT/US2010/062532	30 December 2010	31 December 2009

International Patent Classification (IPC) or both national classification and IPC
IPC(8) - A61B 17/22 (2011.01)
USPC - 606/159

Applicant MINDFRAME, INC.

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☒ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1*bis*(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/US	Date of completion of this opinion	Authorized officer:
Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450, Alexandria, Virginia 22313-1450 Facsimile No. 571-273-3201	15 February 2011	Blaine R. Copenheaver PCT Helpdesk: 571-272-4300 PCT OSP: 571-272-7774

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Box No. I Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of:

   ☒ the international application in the language in which it was filed.

   ☐ a translation of the international application into _____ which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1(b)).

2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43*bis*.1(a))

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, this opinion has been established on the basis of a sequence listing filed or furnished:

   a. (means)

      ☐ on paper

      ☐ in electronic form

   b. (time)

      ☐ in the international application as filed

      ☐ together with the international application in electronic form

      ☐ subsequently to this Authority for the purposes of search

4. ☐ In addition, in the case that more than one version or copy of a sequence listing has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

5. Additional comments:

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability

The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:

☐ the entire international application.

☒ claims Nos. 49-53, 102

because:

☐ the said international application, or the said claims Nos. _____ relate to the following subject matter which does not require an international search *(specify)*:

☒ the description, claims or drawings *(indicate particular elements below)* or said claims Nos. 49-53, 102 are so unclear that no meaningful opinion could be formed *(specify)*:

Claims 49-53, and 102 are multiple dependent claims not drafted in accordance with the second and third sentences of Rule 6.4(a).

☐ the claims, or said claims Nos. _____ are so inadequately supported by the description that no meaningful opinion could be formed *(specify)*:

☒ no international search report has been established for said claims Nos. 49-53, 102

☐ a meaningful opinion could not be formed without the sequence listing; the applicant did not, within the prescribed time limit:

- ☐ furnish a sequence listing on paper complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
- ☐ furnish a sequence listing in electronic form complying with the standard provided for in Annex C of the Administrative Instructions, and such listing was not available to the International Searching Authority in a form and manner acceptable to it.
- ☐ pay the required late furnishing fee for the furnishing of a sequence listing in response to an invitation under Rule 13*ter*.1(a) or (b).

☐ See Supplemental Box for further details.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Box No. V **Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement**

1. Statement

Novelty (N)	Claims	1-48, 54-101, 103-104	YES
	Claims	None	NO
Inventive step (IS)	Claims	1-48, 54-101, 103-104	YES
	Claims	None	NO
Industrial applicability (IA)	Claims	1-48, 54-101, 103-104	YES
	Claims	None	NO

2. Citations and explanations:

Claims 1, 33, 34, 54, 64, 73,,77, 83 and 92 meet the criteria set out in PCT Article 33(2)-(3) because the prior art does not teach or fairly suggest certain subject matter in the claims, as follows:

Regarding claim 1, the prior art of record, individually or in combination, does not teach or fairly suggest an expandable tip assembly adapted to address an occlusive thrombus within a blood vessel without distal embolic protection, comprising a variable-stiffness hypotube, a distal portion and a lumen sized and adapted to receive a guidewire; an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration upon unsheathing of the scaffold and to transition from the expanded configuration to the non-expanded configuration upon resheathing of the scaffold; wherein the scaffold comprises a generally cylindrical configuration; wherein the scaffold comprises a laser-cut tube; wherein the scaffold comprises an open distal end without a distal embolic protection member or device; wherein a proximal end of the scaffold comprises a cut-out section adapted to facilitate re-sheathing of the scaffold; wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges; a variable-stiffness hypotube wherein the distal portion of the hypotube has a greater flexibility than the proximal portion; wherein the greater flexibility is provided by spiral laser cuts spaced along the distal portion of the hypotube; wherein each strut has two ends, with each end connected to one of the bridges; wherein the scaffold has a chronic outward force (COF) per unit length that does not decrease by more than 75% from an expansion diameter of 1.5 mm to an expansion diameter of 4.5 mm; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal wherein the spacing between the spiral cuts decreases from a proximal end of the distal portion to a distal end of the distal portion.

Regarding claim 33, the prior art of record, individually or in combination, does not teach or fairly suggest an expandable tip assembly configured to address an occlusive thrombus within a blood vessel without distal embolic protection, comprising an elongate member; an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the scaffold; wherein the scaffold comprises a laser-cut tube; wherein the scaffold is coupled to the distal end of the elongate member by a plurality of tether lines; wherein the scaffold comprises an open distal end without a distal embolic protection member or device; wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges, a proximal end of the scaffold comprises a scooped-out section configured to facilitate re-sheathing of the scaffold; wherein each strut has two ends, with each end connected to one of the bridges; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal.

Regarding claim 34, the prior art of record, individually or in combination, does not teach or fairly suggest a system comprising a plurality of expandable tip assemblies configured to address an occlusive thrombus within a blood vessel for providing progressive therapy without distal embolic protection, the system comprising a first expandable tip assembly comprising a first elongate member and a first self-expanding scaffold; wherein the first self-expanding scaffold is coupled to a distal end of the first elongate member; wherein the first self-expanding scaffold comprises an open distal end without a distal embolic protection member or device; wherein the first self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size configured to hinder penetration of thrombus material within the first self-expanding scaffold, thereby increasing an amount of blood flow through the first self-expanding scaffold; and a second expandable tip assembly comprising a second elongate member and a second self-expanding scaffold; herein the second self-expanding scaffold is coupled to a distal end of the second elongate member; wherein the second self-expanding scaffold comprises an open distal end without a distal embolic protection member or device; wherein the second self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size larger than the cell size of the first self-expanding scaffold, wherein said cell size of the second self-expanding scaffold is configured to enhance penetration of thrombus material within the scaffold to facilitate capture of the thrombus; wherein, in use, the first self-expanding scaffold and the second self-expanding scaffold are adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the nonexpanded configuration upon unsheathing and re-sheathing of the first and second selfexpanding scaffolds.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Supplemental Box

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Regarding claim 54, the prior art of record, individually or in combination, does not teach or fairly suggest a method of using a plurality of expandable tip assemblies adapted to address an occlusive thrombus within a blood vessel for providing progressive therapy, the method comprising identifying a thrombus within a blood vessel; inserting an expandable reperfusion device within the blood vessel to the location of the thrombus, wherein the expandable reperfusion device comprises an expandable reperfusion scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to reduce protrusion of the thrombus within the reperfusion scaffold, thereby increasing a diameter of a flow path established by the reperfusion scaffold; deploying the reperfusion device within the thrombus, thereby compressing the thrombus against the inner vessel wall and establishing one or more blood flow channels through the thrombus, wherein the one or more blood flow channels facilitate natural lysis of the thrombus; removing the reperfusion device; inserting an expandable thrombus removal device within the blood vessel to the location ofthe thrombus, wherein the expandable thrombus removal device comprises an expandable removal scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to allow thrombus penetration within the cells, thereby facilitating engagement ofthe thrombus by the removal scaffold; deploying the thrombus removal device within a remaining portion of the thrombus, thereby engaging the remaining portion of the thrombus; extracting the remaining portion of the thrombus engaged by the thrombus removal device from the blood vessel; and removing the thrombus removal device.

Regarding claim 64, the prior art of record, individually or in combination, does not teach or fairly suggest a method of using a plurality of expandable tip assemblies adapted to address an occlusive thrombus within a blood vessel for providing progressive therapy, the method comprising inserting an expandable reperfusion device within an occluded blood vessel having a thrombus; positioning the expandable reperfusion device to span at least a portion of a length ofthe thrombus; wherein the expandable reperfusion device comprises a self-expanding reperfusion scaffold having a plurality of interconnected struts that form cells sized and configured to inhibit protrusion of the thrombus into the reperfusion scaffold, thereby increasing a diameter of a flow path established by the reperfusion scaffold; deploying the reperfusion device within the thrombus, thereby compressing the thrombus against the inner vessel wall and establishing blood flow through the occluded blood vessel, wherein the established blood flow facilitates natural lysis ofthe thrombus; macerating the thrombus; wherein at least one ofthe natural lysis and the maceration fragment the thrombus until only a portion ofthe thrombus remains; removing the reperfusion device; inserting a thrombus removal device within the blood vessel to span at least a portion of a length of the remaining thrombus, wherein the thrombus removal device comprises a self-expanding removal scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to allow thrombus protrusion within the cells, thereby facilitating engagement ofthe remaining thrombus by the removal scaffold; deploying the thrombus removal device within the remaining thrombus to engage the remaining thrombus; and removing the thrombus removal device, thereby extracting the remaining thrombus.

Regarding claim 73, the prior art of record, individually or in combination, does not teach or fairly suggest a thrombus management method for addressing an occlusive thrombus within a blood vessel without distal embolic protection, the method comprising: identifying a cerebral artery having an occlusive thrombus; inserting a guide catheter into a patient; inserting a guide wire through the guide catheter into the cerebral artery and through the thrombus; inserting a microcatheter over the guidewire and through the thrombus; positioning a distal end of the microcatheter within about a centimeter past the thrombus; inserting an expandable tip assembly comprising a scaffold through the microcatheter; retracting the microcatheter, thereby causing the scaffold to expand; wherein said expansion compresses the thrombus against a wall of the cerebral artery; wherein said compression of the thrombus restores blood flow within the cerebral artery; wherein said restored blood flow facilitates natural lysis ofthe thrombus; and macerating the thrombus by resheathing the scaffold and unsheathing the scaffold, thereby facilitating mechanical lysis and fragmentation of the thrombus to release embolic particles; wherein the embolic particles flow in the direction of the blood flow and are not captured by any distal embolic protection member, but are instead lysed through the natural lysis process due to the restored blood flow.

Regarding claim 77, the prior art of record, individually or in combination, does not teach or fairly suggest a thrombus management method for addressing an occlusive thrombus within a blood vessel, the method comprising identifying an occluded blood vessel having an occlusive thrombus; selecting an expandable tip assembly based, at least in part, on a diameter of the identified occluded blood vessel, the expandable tip assembly comprising a proximal elongate member and a distal self-expanding scaffold; inserting the selected expandable tip assembly within the occluded vessel through a microcatheter such that the self-expanding scaffold is positioned at a location of the thrombus in a non-expanded configuration; retracting the microcatheter, thereby causing the scaffold to expand to an expanded configuration; wherein said expansion compresses the thrombus against a wall of the blood vessel; wherein said compression of the thrombus restores blood flow within the blood vessel; wherein said restored blood flow facilitates natural lysis of the thrombus; and macerating the thrombus by resheathing the self-expanding scaffold and unsheathing the self-expanding scaffold within the microcatheter, thereby facilitating mechanical lysis and fragmentation of the thrombus.

Regarding claim 83, the prior art of record, individually or in combination, does not teach or fairly suggest a thrombus management method for addressing an occlusive thrombus within a blood vessel by providing multiple layer embolus removal, comprising identifying an embolus within a cerebral artery; inserting an expandable reperfusion device within the cerebral artery to the location of the embolus; expanding the reperfusion device within the embolus, thereby establishing one or more blood flow channels through the embolus, wherein the one or more blood flow channels facilitate natural lysis of the embolus to remove one or more outer layers of the embolus; removing the reperfusion device; inserting an expandable embolus removal device within the cerebral artery to the location of the embolus; expanding the embolus removal device within a remaining portion of the embolus, thereby engaging the remaining portion of the embolus; extracting the remaining portion of the embolus with the embolus removal device from the cerebral artery; and removing the embolus removal device.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
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Regarding claim 92, the prior art of record, individually or in combination, does not teach or fairly suggest a thrombus management method for addressing an occlusive thrombus within a blood vessel by providing multiple layer embolus removal from a cerebral artery, comprising identifying an embolus within a cerebral artery; wherein the embolus comprises an outer layer and an inner core; establishing one or more blood flow channels through the embolus to restore blood flow; disturbing the embolus by mechanical maceration of the embolus to release embolic particles from the outer layer of the embolus, thereby allowing the embolic particles to freely flow in the direction of the blood flow without capturing said embolic particles; wherein said restored blood flow causes lysis of the embolic particles; and extracting the inner core of the embolus.

Claims 2-32, 35-48, 55-63, 65-72, 74-76, 78-82, 84-91, 93-101, and 103-104 depend from base Claims 1, 33, 34, 54, 64, 73, 77, 83 and 92, and therefore have novelty for at least the same reasons as do base Claims 1, 33, 34, 54, 64, 73, 77, 83 and 92.

The following prior art is made of record to support and further define the reasons for allowance of base Claims 1, 33, 34, 54, 64, 73, 77, 83 and 92:

(i) Fulkerson discloses an expandable tip assembly adapted to address an occlusive thrombus (Title; Abstract) within a blood vessel without distal embolic protection (Fig. 1 shows no distal embolic protection, ie- screen or filter), comprising a hypotube (Para. [0047] The instant revascularization system delivery device may be made from materials knownto artisans, including stainless steel hypotube, stainless steel coil, polymerjackets, and/or radiopaque jackets; Para. [0050] distal segment 120 comprises inner catheter 122 and revascularization device 124 (as shown here in one embodiment having uniform cells, variable cells likewise being within)) having a proximal portion (Para. [0049] proximal segment 110 and distal segment 120), a distal portion (Para. [0049]) and a lumen (Para. [0047] delivery device 130 provides a conduit in fluid communication with the lumen of the catheter-based revascularization system 100 enabling users) sized and adapted to receive a guidewire (Para. [0003] catheter systems having guidewires to access and emplace improved neurological medical devices into the cerebral vasculature); an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration upon unsheathing of the scaffold and to transition from the expanded configuration to the non-expanded configuration upon resheathing of the scaffold (Para. [0057] After the embolus is lysed, revascularization device 124 is sheathed into outer catheter 112 and removed from the body); wherein the scaffold comprises a generally cylindrical configuration (Fig. 2 at 120); wherein the scaffold comprises a laser-cut tube (Para. [0050] is made from stainless steel coil, stainless steel wire, or ribbon or laser cut hypotube and is of a suitable length and diameter to move through outer catheter 112 during deployment); wherein the scaffold comprises an open distal end without a distal embolic protection member or device (Fig. 2 shows open distal end without distal embolic protection member); wherein a proximal end of the scaffold comprises a cut-out section adapted to facilitate re-sheathing of the scaffold (Para. [0057] After the embolus is lysed, revascularization device 124 is sheathed into outer catheter 112 and removed from the body); wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges (Fig. 2 defined by the open spaces in 124); but the prior art of record, individually or in combination, does not teach or fairly suggest a variable-stiffness hypotube wherein the distal portion of the hypotube has a greater flexibility than the proximal portion; wherein the greater flexibility is provided by spiral laser cuts spaced along the distal portion of the hypotube; wherein each strut has two ends, with each end connected to one of the bridges; wherein the scaffold has a chronic outward force (COF) per unit length that does not decrease by more than 75% from an expansion diameter of 1.5 mm to an expansion diameter of 4.5 mm; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal wherein the spacing between the spiral cuts decreases from a proximal end of the distal portion to a distal end of the distal portion.

(ii) Fulkerson discloses an expandable tip assembly configured to address an occlusive thrombus (Title; Abstract) within a blood vessel without distal embolic protection (Fig. 1 shows no distal embolic protection, ie- screen or filter), comprising an elongate member (Fig. 1 at 110); an expandable and reconstrainable scaffold coupled to the distal end of the hypotube (Fig. 2 at 120), the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration (Para. [0007] a self-expanding radial filter/revascularization device and basket assembly detachably tethered to the catheter system which functions in at least three respective modes) and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the scaffold (Para. [0057] After the embolus is lysed, revascularization device 124 is sheathed into outer catheter 112 and removed from the body); wherein the scaffold comprises a laser-cut tube (Para. [0050] is made from stainless steel coil, stainless steel wire, or ribbon or laser cut hypotube and is of a suitable length and diameter to move through outer catheter 112 during deployment); wherein the scaffold is coupled to the distal end of the elongate member by a plurality of tether lines (Fig. 2 where 122 has tether lines to 124); wherein the scaffold comprises an open distal end without a distal embolic protection member or device (Fig. 2 shows open distal end without distal embolic protection member); wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges (Fig. 2 defined by the open spaces in 124), but the prior art of record, individually or in combination, does not teach or fairly suggest wherein a proximal end of the scaffold comprises a scooped-out section configured to facilitate re-sheathing of the scaffold; wherein each strut has two ends, with each end connected to one of the bridges; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No.
PCT/US2010/062532

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.
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(iii) Fulkerson discloses a system comprising a plurality of expandable tip assemblies configured to address an occlusive thrombus (Title; Abstract) within a blood vessel for providing progressive therapy without distal embolic protection (Fig. 1 shows no distal embolic protection, ie- screen or filter), the system comprising a first expandable tip assembly comprising a first elongate member (Fig. 1 at 110) and a first self-expanding scaffold (Fig. 2 at 120); wherein the first self-expanding scaffold is coupled to a distal end of the first elongate member (Fig. 2); wherein the first self-expanding scaffold comprises an open distal end without a distal embolic protection member or device (Fig. 2 shows open distal end without distal embolic protection member); wherein the first self-expanding scaffold comprises open cells formed by a pattern of struts and bridges (Fig. 2 defined by the open spaces in 124), but the prior art of record, individually or in combination, does not teach or fairly suggest wherein said cells have a cell size configured to hinder penetration of thrombus material within the first self-expanding scaffold, thereby increasing an amount of blood flow through the first self-expanding scaffold; and a second expandable tip assembly comprising a second elongate member and a second self-expanding scaffold; herein the second self-expanding scaffold is coupled to a distal end of the second elongate member; wherein the second self-expanding scaffold comprises an open distal end without a distal embolic protection member or device; wherein the second self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size larger than the cell size of the first self-expanding scaffold, wherein said cell size of the second self-expanding scaffold is configured to enhance penetration of thrombus material within the scaffold to facilitate capture of the thrombus; wherein, in use, the first self-expanding scaffold and the second self-expanding scaffold are adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the nonexpanded configuration upon unsheathing and re-sheathing of the first and second self expanding scaffolds.

(iv) Brady discloses an expandable tip assembly configured to address an occlusive thrombus (Title; Abstract) within a blood vessel, but with distal embolic protection (Fig. 1 shows a retractable guidewire tip, but with a distal embolic protection, ie- screen or filter), comprising an elongate member (Fig. 1 at 101); the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration (Para. [0066]) a self-expanding radial filter/revascularization device and basket assembly detachably tethered to the catheter system which functions in at least three respective modes and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the scaffold (Para. [0066] The support frame 111 is such that it is naturally expanded as shown in the drawings and can be collapsed inwardly against the sleeve 104); wherein the scaffold comprises a laser-cut tube (Para. [0074] Typically the finishing operations involve processes such as mechanical machining operations, laser machining or chemical machining); wherein the scaffold is coupled to the distal end of the elongate member by a plurality of tether lines (Fig. 1 where 111 has tether lines to 125), but the prior art of record, individually or in combination, does not teach or fairly suggest the device wherein the scaffold comprises an open distal end without a distal embolic protection member or device; wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges, wherein a proximal end of the scaffold comprises a scooped-out section configured to facilitate re-sheathing of the scaffold; wherein each strut has two ends, with each end connected to one of the bridges; and wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal or an expandable and reconstrainable scaffold coupled to the distal end of the hypotube.

Claims 1-48, 54-101, and 103-104 meet the criteria set out in PCT Article 33(4) and thus have industrial applicability because the subject matter claimed can be made or used in industry.

WHAT IS CLAIMED IS:

1. An expandable tip assembly adapted to address an occlusive thrombus within a blood vessel without distal embolic protection, comprising:

a variable-stiffness hypotube having a proximal portion, a distal portion and a lumen sized and adapted to receive a guidewire;

wherein the distal portion of the hypotube has a greater flexibility than the proximal portion;

wherein the greater flexibility is provided by spiral laser cuts spaced along the distal portion of the hypotube;

wherein the spacing between the spiral cuts decreases from a proximal end of the distal portion to a distal end of the distal portion;

an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration upon unsheathing of the scaffold and to transition from the expanded configuration to the non-expanded configuration upon re-sheathing of the scaffold;

wherein the scaffold comprises a generally cylindrical configuration;

wherein the scaffold comprises a laser-cut tube;

wherein the scaffold comprises an open distal end without a distal embolic protection member or device;

wherein a proximal end of the scaffold comprises a cut-out section adapted to facilitate re-sheathing of the scaffold;

wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges;

wherein each strut has two ends, with each end connected to one of the bridges;

wherein the scaffold has a chronic outward force (COF) per unit length that does not decrease by more than 75% from an expansion diameter of 1.5 mm to an expansion diameter of 4.5 mm; and

wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal.

2. The expandable tip assembly of Claim 1, wherein each bridge is connected to four struts.

3. The expandable tip assembly of Claim 1, wherein the scaffold is coupled to the distal end of the hypotube by a plurality of tether lines that extend eccentrically from one half of the distal end of the hypotube.

4. The expandable tip assembly of Claim 1, wherein the scaffold has a chronic outward force (COF) per unit length that does not decrease by more than 50% from a diameter of 1.5 mm to a diameter of 4.5 mm.

5. The expandable tip assembly of Claim 1, wherein the cells of the scaffold have a uniform cell size.

6. The expandable tip assembly of Claim 1, wherein the cells of the scaffold have a variable cell size, and further wherein the cell size of the cells at the end portions of the scaffold are smaller than the cell size of the cells of the middle portion of the scaffold.

7. The expandable tip assembly of Claim 1, wherein the strut thickness is substantially equal to the strut width.

8. The expandable tip assembly of Claim 1, wherein a ratio of strut thickness to strut width is less than at least about 1.4.

9. The expandable tip assembly of Claim 1, wherein the expandable tip assembly comprises a reperfusion device and wherein the cells of the scaffold have a cell size adapted to inhibit protrusion of portions of the thrombus within an interior of the scaffold.

10. The expandable tip assembly of Claim 9, wherein the cells of the scaffold have a cell length of between 2 mm and 4 mm and a cell height between 1 mm and 3 mm in the expanded configuration.

11. The expandable tip assembly of Claim 9, wherein the scaffold has an average chronic outward force across a diameter of 1.5 mm to 4.5 mm of between 0.0040 N and 0.0120 N.

12. The expandable tip assembly of Claim 9, wherein the scaffold has a maximum expansion diameter of 5 mm.

13. The expandable tip assembly of Claim 9, wherein the scaffold has a length of about 30 mm.

14. The expandable tip assembly of Claim 9, wherein an exterior, contact surface of the struts comprises a squared-off or rounded configuration to increase the contact surface area of the scaffold, thereby enhancing compression of the thrombus.

15. The expandable tip assembly of Claim 9, wherein an exterior, contact surface of the struts comprises a pointed or tapered configuration.

16. The expandable tip assembly of Claim 1, wherein the expandable tip assembly comprises a thrombus removal device, and wherein the cells of the scaffold have a cell size adapted to promote protrusion of portions of the thrombus within an interior of the scaffold.

17. The expandable tip assembly of Claim 16, wherein the cells of the scaffold have a cell length of between 4 mm and 6 mm and a cell height between 2 mm and 4 mm in the expanded configuration.

18. The expandable tip assembly of Claim 16, wherein the scaffold has an average chronic outward force across a diameter of 1.5 mm to 4.5 mm of between 0.0020 N and 0.0090 N.

19. The expandable tip assembly of Claim 16, wherein an exterior, contact surface of the struts comprises a pointed or tapered configuration.

20. The expandable tip assembly of Claim 16, wherein the struts comprise one or more surface features adapted to enhance engagement of thrombus material.

21. The expandable tip assembly of Claim 20, wherein the struts comprise one or more grooves.

22. The expandable tip assembly of Claim 20, wherein the struts comprise one or more protrusions or projections.

23. The expandable tip assembly of Claim 16, wherein a central portion of each strut of the scaffold has a greater thickness than adjacent portions of the strut.

24. The expandable tip assembly of Claim 16, wherein the struts comprise multiple flex points along the length of the struts.

25. The expandable tip assembly of Claim 16, wherein the bridges form X-shaped connections between the cells of the scaffold.

26. The expandable tip assembly of Claim 16, wherein the bridges have a greater thickness than adjacent portions of the struts connected to the bridges.

27. The expandable tip assembly of Claim 16, wherein the scaffold has a maximum expansion diameter of 3 mm

28. The expandable tip assembly of Claim 16, wherein the scaffold has a maximum expansion diameter of 5 mm.

29. The expandable tip assembly of Claim 16, wherein the scaffold has a length of about 30 mm.

30. A method of using an expandable tip assembly as in any one of Claims 1 through 29 to address an occlusive thrombus within a blood vessel.

31. A method of using an expandable tip assembly as in any one of Claims 1 through 15 to reperfuse an occluded blood vessel having an occlusive thrombus.

32. A method of using an expandable tip assembly as in any one of Claims 1 through 8 or Claims 16 through 29 to extract thrombus material from an occluded blood vessel.

33. An expandable tip assembly configured to address an occlusive thrombus within a blood vessel without distal embolic protection, comprising:

an elongate member;

an expandable and reconstrainable scaffold coupled to the distal end of the hypotube, the scaffold being adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the scaffold;

wherein the scaffold comprises a laser-cut tube;

wherein the scaffold is coupled to the distal end of the elongate member by a plurality of tether lines;

wherein the scaffold comprises an open distal end without a distal embolic protection member or device;

wherein a proximal end of the scaffold comprises a scooped-out section configured to facilitate re-sheathing of the scaffold;

wherein the scaffold comprises a plurality of open cells defined by struts and connected by bridges;

wherein each strut has two ends, with each end connected to one of the bridges; and

wherein the open cells are sized to promote at least one of vessel reperfusion or thrombus removal.

34. A system comprising a plurality of expandable tip assemblies configured to address an occlusive thrombus within a blood vessel for providing progressive therapy without distal embolic protection, the system comprising:

a first expandable tip assembly comprising a first elongate member and a first self-expanding scaffold;

wherein the first self-expanding scaffold is coupled to a distal end of the first elongate member;

wherein the first self-expanding scaffold comprises an open distal end without a distal embolic protection member or device;

wherein the first self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size configured to hinder penetration of thrombus material within the first self-expanding scaffold, thereby increasing an amount of blood flow through the first self-expanding scaffold; and

a second expandable tip assembly comprising a second elongate member and a second self-expanding scaffold;

wherein the second self-expanding scaffold is coupled to a distal end of the second elongate member;

wherein the second self-expanding scaffold comprises an open distal end without a distal embolic protection member or device;

wherein the second self-expanding scaffold comprises open cells formed by a pattern of struts and bridges, wherein said cells have a cell size larger than the cell size of the first self-expanding scaffold, wherein said cell size of the second self-expanding scaffold is configured to enhance penetration of thrombus material within the scaffold to facilitate capture of the thrombus;

wherein, in use, the first self-expanding scaffold and the second self-expanding scaffold are adapted to radially self-expand from a non-expanded configuration to an expanded configuration and to transition from the expanded configuration to the non-expanded configuration upon unsheathing and re-sheathing of the first and second self-expanding scaffolds.

35. The system of Claim 34, further comprising a microcatheter adapted to receive the first and second self-expanding scaffolds and further adapted to be movable with respect to the first and second self-expanding scaffolds to provide the unsheathing and re-sheathing of the first and second self-expanding scaffolds.

36. The system of Claim 34 or 35, wherein the first elongate member and the second elongate member comprise a variable-stiffness hypotube having a lumen.

37. The system of Claim 36, further comprising a guidewire configured to be received by the first elongate member and the second elongate member.

38. The system of Claim 36, wherein a distal section of the variable-stiffness hypotube comprises a laser spiral cut pattern that allows the distal section to bend to navigate through curved portions of the cerebral vasculature.

39. The system of Claim 38, wherein said laser spiral cut pattern spans a length of about 35 cm.

40. The system of Claim 34 or 35, wherein the first elongate member and the second elongate member comprise a wire without a lumen.

41. The system of Claim 34 or 35, wherein the first expandable tip assembly and the second expandable tip assembly have an average chronic outward force across a diameter of 1.5 mm to 4.5 mm that does not decrease by more than 50% to 75%.

42. The system of Claim 34 or 35, wherein the first self-expanding scaffold and the second self-expanding scaffold have a substantially non-zero chronic outward force across a diameter of 1.5 mm to 4.5 mm.

43. The system of Claim 34 or 35, wherein the cells of the first self-expanding scaffold have a cell length of between 2 mm and 4 mm and a cell height between 1 mm and 3 mm in an expanded configuration.

44. The system of Claim 34 or 35, wherein the first self-expanding scaffold has an average chronic outward force across a diameter of 1.5 mm to 4.5 mm of between 0.0040 N and 0.0120 N.

45. The system of Claim 34 or 35, wherein the cells of the second self-expanding scaffold have a cell length of between 4 mm and 6 mm and a cell height between 2 mm and 4 mm in an expanded configuration.

46. The system of Claim 34 or 35, wherein the second self-expanding scaffold has an average chronic outward force across a diameter of 1.5 mm to 4.5 mm of between 0.0020 N and 0.0090 N.

47. The system of Claim 34 or 35, wherein a central portion of each strut of the second self-expanding scaffold has a greater thickness than adjacent portions of the strut.

48. The system of Claim 34 or 35, wherein the first expandable tip assembly comprises a reperfusion device adapted to facilitate blood flow restoration and the second expandable tip assembly comprises a thrombus removal device adapted to be inserted after removal of the reperfusion device, wherein the thrombus removal device is further adapted to facilitate removal of any remaining thrombus material.

49. A kit comprising a plurality of expandable tip assemblies configured to address an occlusive thrombus within a blood vessel for providing progressive therapy without distal embolic protection, the kit comprising:

a first expandable tip assembly as in any one of Claims 1 through 15;

a second expandable tip assembly as in any one of Claims 1 through 8 or Claims 16 through 29.

50. The kit of Claim 49, further comprising a microcatheter adapted to deliver the first expandable tip assembly and the second expandable tip assembly within the blood vessel.

51. The kit of Claim 50, wherein the microcatheter comprises a neuro-microcatheter sized to be inserted within cerebral vasculature of a human patient.

52. The kit of any one of Claims 49-51, further comprising a guide catheter.

53. The kit of any one of Claims 49-51, further comprising a guidewire.

54. A method of using a plurality of expandable tip assemblies adapted to address an occlusive thrombus within a blood vessel for providing progressive therapy, the method comprising:

identifying a thrombus within a blood vessel;

inserting an expandable reperfusion device within the blood vessel to the location of the thrombus,

wherein the expandable reperfusion device comprises an expandable reperfusion scaffold having a plurality of interconnected struts that form cells having a cell size that

is sized and configured to reduce protrusion of the thrombus within the reperfusion scaffold, thereby increasing a diameter of a flow path established by the reperfusion scaffold;

deploying the reperfusion device within the thrombus, thereby compressing the thrombus against the inner vessel wall and establishing one or more blood flow channels through the thrombus,

wherein the one or more blood flow channels facilitate natural lysis of the thrombus;

removing the reperfusion device;

inserting an expandable thrombus removal device within the blood vessel to the location of the thrombus,

wherein the expandable thrombus removal device comprises an expandable removal scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to allow thrombus penetration within the cells, thereby facilitating engagement of the thrombus by the removal scaffold;

deploying the thrombus removal device within a remaining portion of the thrombus, thereby engaging the remaining portion of the thrombus;

extracting the remaining portion of the thrombus engaged by the thrombus removal device from the blood vessel; and

removing the thrombus removal device.

55. The method of Claim 54, wherein the expandable reperfusion device and the expandable thrombus removal device comprise self-expanding devices.

56. The method of Claim 55, wherein the expandable reperfusion device and the expandable thrombus removal device are inserted into the blood vessel within a microcatheter to the location of the thrombus.

57. The method of Claim 56, wherein deploying the reperfusion device comprises retracting the microcatheter, thereby allowing the reperfusion device to expand within the thrombus.

58. The method of Claim 56, wherein deploying the thrombus removal device comprises retracting the microcatheter, thereby allowing the thrombus removal device to expand within the thrombus.

59. The method of Claim 56, wherein removing the reperfusion device comprises resheathing the reperfusion device by advancing the microcatheter over the reperfusion device while keeping the reperfusion device stationary and then removing the microcatheter with the reperfusion device together.

60. The method of Claim 54, wherein an expansion diameter of the reperfusion device is configured to provide increased cell deformation of the reperfusion scaffold, thereby reducing protrusion of thrombus material within the reperfusion scaffold.

61. The method of Claim 54, wherein an expansion diameter of the thrombus removal device is configured to provide reduced cell deformation of the removal scaffold, thereby increasing thrombus penetration within the removal scaffold.

62. The method of Claim 57, further comprising resheathing the reperfusion device within the microcatheter by advancing the microcatheter and then unsheathing the reperfusion device by retracting the microcatheter to provide maceration of the thrombus.

63. The method of Claim 54, wherein the cells of the reperfusion scaffold in an expanded configuration have a cell length of between 2 mm and 4 mm and a cell height between 1 mm and 3 mm and wherein the cells of the removal scaffold in an expanded configuration have a cell length of between 4 mm and 6 mm and a cell height between 2 mm and 4 mm.

64. A method of using a plurality of expandable tip assemblies adapted to address an occlusive thrombus within a blood vessel for providing progressive therapy, the method comprising:

inserting an expandable reperfusion device within an occluded blood vessel having a thrombus;

positioning the expandable reperfusion device to span at least a portion of a length of the thrombus;

wherein the expandable reperfusion device comprises a self-expanding reperfusion scaffold having a plurality of interconnected struts that form cells sized and configured to inhibit protrusion of the thrombus into the reperfusion scaffold, thereby increasing a diameter of a flow path established by the reperfusion scaffold;

deploying the reperfusion device within the thrombus, thereby compressing the thrombus against the inner vessel wall and establishing blood flow through the occluded blood vessel,

wherein the established blood flow facilitates natural lysis of the thrombus;

macerating the thrombus;

wherein at least one of the natural lysis and the maceration fragment the thrombus until only a portion of the thrombus remains;

removing the reperfusion device;

inserting a thrombus removal device within the blood vessel to span at least a portion of a length of the remaining thrombus,

wherein the thrombus removal device comprises a self-expanding removal scaffold having a plurality of interconnected struts that form cells having a cell size that is sized and configured to allow thrombus protrusion within the cells, thereby facilitating engagement of the remaining thrombus by the removal scaffold;

deploying the thrombus removal device within the remaining thrombus to engage the remaining thrombus; and

removing the thrombus removal device, thereby extracting the remaining thrombus.

65. The method of Claim 64, wherein macerating the thrombus comprises sheathing and unsheathing of the reperfusion scaffold, wherein said sheathing and unsheathing causes the reperfusion scaffold to compress and expand.

66. The method of Claim 64 or Claim 65, wherein the reperfusion device and the thrombus removal device are inserted into the blood vessel within a microcatheter.

67. The method of Claim 66, wherein deploying the reperfusion device comprises retracting the microcatheter, thereby allowing the reperfusion device to expand within the thrombus.

68. The method of Claim 66, wherein deploying the thrombus removal device comprises retracting the microcatheter, thereby allowing the thrombus removal device to expand within the thrombus.

69. The method of Claim 67, wherein removing the reperfusion device comprises resheathing the reperfusion device by advancing the microcatheter over the reperfusion

device while keeping the reperfusion device stationary and then removing the microcatheter with the reperfusion device together.

70. The method of Claim 66, wherein an expansion diameter of the reperfusion device is configured to provide increased cell deformation of the reperfusion scaffold, thereby reducing thrombus penetration within an interior of the reperfusion scaffold.

71. The method of Claim 64, wherein an expansion diameter of the thrombus removal device is configured to provide reduced cell deformation of the removal scaffold, thereby increasing thrombus protrusion within the removal scaffold.

72. The method of Claim 64, wherein the cells of the expandable reperfusion device in an expanded configuration have a cell length of between 2 mm and 4 mm and a cell height between 1 mm and 3 mm and wherein the cells of the expandable thrombus removal device in an expanded configuration have a cell length of between 4 mm and 6 mm and a cell height between 2 mm and 4 mm.

73. A thrombus management method for addressing an occlusive thrombus within a blood vessel without distal embolic protection, the method comprising:

identifying a cerebral artery having an occlusive thrombus;

inserting a guide catheter into a patient;

inserting a guide wire through the guide catheter into the cerebral artery and through the thrombus;

inserting a microcatheter over the guidewire and through the thrombus;

positioning a distal end of the microcatheter within about a centimeter past the thrombus;

inserting an expandable tip assembly comprising a scaffold through the microcatheter;

retracting the microcatheter, thereby causing the scaffold to expand;

wherein said expansion compresses the thrombus against a wall of the cerebral artery;

wherein said compression of the thrombus restores blood flow within the cerebral artery;

wherein said restored blood flow facilitates natural lysis of the thrombus; and

macerating the thrombus by resheathing the scaffold and unsheathing the scaffold, thereby facilitating mechanical lysis and fragmentation of the thrombus to release embolic particles;

wherein the embolic particles flow in the direction of the blood flow and are not captured by any distal embolic protection member, but are instead lysed through the natural lysis process due to the restored blood flow.

74. The thrombus management method of Claim 73, further comprising engaging any remaining thrombus material and removing the remaining thrombus material with the expandable tip assembly.

75. The thrombus management method of Claim 73, further comprising removing the expandable tip assembly and inserting a second expandable tip assembly into the microcatheter, the second expandable tip assembly having a self-expanding scaffold with cells having a cell size configured to increase penetration of the remaining thrombus material into the cells to facilitate capture of the remaining thrombus material.

76. The thrombus management method of Claim 75, further comprising engaging any remaining thrombus material and removing the remaining thrombus material with the second expandable tip assembly.

77. A thrombus management method for addressing an occlusive thrombus within a blood vessel, the method comprising:

identifying an occluded blood vessel having an occlusive thrombus;

selecting an expandable tip assembly based, at least in part, on a diameter of the identified occluded blood vessel, the expandable tip assembly comprising a proximal elongate member and a distal self-expanding scaffold;

inserting the selected expandable tip assembly within the occluded vessel through a microcatheter such that the self-expanding scaffold is positioned at a location of the thrombus in a non-expanded configuration;

retracting the microcatheter, thereby causing the scaffold to expand to an expanded configuration;

wherein said expansion compresses the thrombus against a wall of the blood vessel;

wherein said compression of the thrombus restores blood flow within the blood vessel;

wherein said restored blood flow facilitates natural lysis of the thrombus; and

macerating the thrombus by resheathing the self-expanding scaffold and unsheathing the self-expanding scaffold within the microcatheter, thereby facilitating mechanical lysis and fragmentation of the thrombus.

78. The thrombus management method of Claim 77, further comprising engaging the remaining thrombus material and removing the remaining thrombus material with the expandable tip assembly.

79. The thrombus management method of Claim 77, further comprising removing the expandable tip assembly and inserting a second expandable tip assembly into the microcatheter, the second expandable tip assembly having a self-expanding scaffold with cells having a cell size configured to increase protrusion of the remaining thrombus material within the cells to facilitate capture of the remaining thrombus material.

80. The thrombus management method of Claim 79, further comprising removing the remaining thrombus material with the second expandable tip assembly.

81. The thrombus management method of any one of Claims 77 through 80, wherein the blood vessel comprises a cerebral artery, and wherein the proximal elongate member comprises a flexible, distal portion configured to navigate curved portions of cerebral vasculature during delivery to the cerebral artery.

82. The thrombus management method of Claim 77, wherein blood flow is restored in less than two minutes from deployment of the self-expanding scaffold within the thrombus.

83. A thrombus management method for addressing an occlusive thrombus within a blood vessel by providing multiple layer embolus removal, comprising:

identifying an embolus within a cerebral artery;

inserting an expandable reperfusion device within the cerebral artery to the location of the embolus;

expanding the reperfusion device within the embolus, thereby establishing one or more blood flow channels through the embolus,

wherein the one or more blood flow channels facilitate natural lysis of the embolus to remove one or more outer layers of the embolus;

removing the reperfusion device;

inserting an expandable embolus removal device within the cerebral artery to the location of the embolus;

expanding the embolus removal device within a remaining portion of the embolus, thereby engaging the remaining portion of the embolus;

extracting the remaining portion of the embolus with the embolus removal device from the cerebral artery; and

removing the embolus removal device.

84. The method of Claim 83, wherein the reperfusion device comprises an expandable tip assembly including a proximal elongate member and a distal self-expanding scaffold.

85. The method of Claim 84, wherein said scaffold comprises open cells having a cell size that is configured to decrease penetration of the embolus within the scaffold, thereby increasing blood flow through the scaffold.

86. The method of Claim 83, wherein the embolus removal device comprises an expandable tip assembly including a proximal elongate member and a distal self-expanding scaffold.

87. The method of Claim 86, wherein said scaffold comprises open cells having a cell size that is configured to increase protrusion of the remaining portion of the embolus within the scaffold to facilitate capture of the remaining portion of the embolus.

88. The method of Claim 84, wherein inserting an expandable reperfusion device within the cerebral artery to the location of the embolus comprises inserting the expandable reperfusion device through a microcatheter such that the self-expanding scaffold is in a non-expanded configuration.

89. The method of Claim 84, wherein expanding the reperfusion device within the embolus comprises retracting the microcatheter, thereby allowing the self-expanding scaffold to deploy to an expanded configuration.

90. The method of Claim 83, wherein the one or more outer layers of the embolus comprise platelets and red blood cells.

91. The method of Claim 83, wherein the remaining portion of the embolus comprises a firm fibrin core of the embolus.

92. A thrombus management method for addressing an occlusive thrombus within a blood vessel by providing multiple layer embolus removal from a cerebral artery, comprising:

identifying an embolus within a cerebral artery;

wherein the embolus comprises an outer layer and an inner core;

establishing one or more blood flow channels through the embolus to restore blood flow;

disturbing the embolus by mechanical maceration of the embolus to release embolic particles from the outer layer of the embolus, thereby allowing the embolic particles to freely flow in the direction of the blood flow without capturing said embolic particles;

wherein said restored blood flow causes lysis of the embolic particles; and

extracting the inner core of the embolus.

93. The method of Claim 92, wherein said restored blood flow causes further release of embolic particles from the outer layer of the embolus.

94. The method of Claim 92, wherein the outer layer of the embolus comprises a softer portion of the embolus than the inner core of the embolus.

95. The method of Claim 92, wherein the outer layer comprises platelets and red blood cells.

96. The method of Claim 92, wherein the inner core of the embolus comprises a fibrin core that has a hardness that exceeds the hardness of the outer layer of the embolus.

97. The method of any one of Claims 92 through 96, wherein establishing one or more blood flow channels through the embolus to facilitate natural lysis of the embolus comprises expanding an expandable reperfusion device within the embolus.

98. The method of Claim 97, further comprising macerating the embolus with the expandable reperfusion device.

99. The method of any one of Claims 92 through 96, wherein extracting a remaining portion of the embolus comprises expanding an expandable embolus removal device within the embolus to engage and capture the inner core of the embolus.

100. The expandable tip assembly of any one of Claims 1 through 8 or Claim 33, wherein the expandable tip assembly comprises a reperfusion device and wherein the cells of the scaffold have a cell size adapted to inhibit protrusion of portions of the thrombus within an interior of the scaffold.

101. The expandable tip assembly of any one of Claims 1 through 8 or Claim 33, wherein the expandable tip assembly comprises a thrombus removal device, and wherein the cells of the scaffold have a cell size adapted to promote protrusion of portions of the thrombus within an interior of the scaffold.

102. A method of using an expandable tip assembly as in Claim 100 or Claim 101 to address an occlusive thrombus within a blood vessel.

103. A method of using an expandable tip assembly as in Claim 100 to reperfuse an occluded blood vessel having an occlusive thrombus.

104. A method of using an expandable tip assembly as in Claim 101 to extract thrombus material from an occluded blood vessel.

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OFFICE OF PETITIONS

In re Application of
David A. Ferrera, et al.
Application No.: 13/281,363
Filed: October 25, 2011
Attorney Docket No.: MDFR.001P4
For: EXPANDABLE TIP ASSEMBLY FOR THROMBUS MANAGEMENT

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the PCT Patent Prosecution Highway (PCT-PPH) pilot program and the petition under 37 CFR 1.102(a), filed on October 25, 2011, to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PCT-PPH pilot program and petition to make special require:

(1) The U.S. application must have an eligible relationship to one or more PCT applications where the ISA or IPEA are the JPO, EPO, KIPO, NPI, NBPR, or USPTO;

(2) At least one claim in the PCT application has novelty, inventive step, and industrial applicability and must be free of any observations in Box VIII in the latest work product in the international stage or applicant must identify and explain why the claim(s) is/are not subject to the observation in Box VIII;

(3) Applicant must submit a copy of the claim(s) from the PCT application(s) that have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate, if the claims are not in the English language;

(4) All the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the claim(s) that have novelty, inventive step, and industrial applicability in the PCT application(s);

(5) Examination of the U.S. application has not begun;

(6) Applicant must submit a copy of the latest international work product from the PCT application indicating that the claim(s) have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate if the latest international work product is not in the English language;

(7) Applicant must submit an IDS listing the documents cited by the PCT examiner in the international work product along with copies of documents except U.S. patents or U.S. patent application publications.

The request to participate in the PCT-PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to April M. Wise at 571-272-1642.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application will be forwarded to the examiner for action on the merits commensurate with this decision once this application's formality reviews have been completed.

/dab/
David Bucci
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 6042-002-US	Application Number (if known): TBD	Filing date: October 25, 2011

First Named Inventor: Max Ferrigni

Title: Mobile Product Retail System and Methods Thereof

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: STATEMENT IN SUPPORT OF PETITION TO MAKE SPECIAL

Signature /Eric W. Peterson/	Date October 25, 2011
Name (Print/Typed) Eric W. Peterson	Registration Number 64,312

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/281,375	10/25/2011	Max Ferrigni	6042-002-US	9094

94956 7590 11/08/2011

The Law Offices of Eric W Peterson
750 W. FIR STREET, SUITE 405
SAN DIEGO, CA 92101

EXAMINER	
ART UNIT	PAPER NUMBER
2612	

MAIL DATE	DELIVERY MODE
11/08/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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The Law Offices of Eric W Peterson
750 W. FIR STREET, SUITE 405
SAN DIEGO CA 92101

In re Application of	:	
Max FERRIGNI	:	DECISION ON PETITION
Application No. 13/281,375	:	TO MAKE SPECIAL UNDER
Filed: October 25, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 6042-002-US	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on October 25, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Lee W. Young at 571-272-4549.

The application is being forwarded to the Technology Center Art Unit 2612 for action on the merits commensurate with this decision.

Lee W. Young
Quality Assurance Specialist
Technology Center 2600

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MATTHEW P. DAVIES
13870 DEVAN LEE DRIVE NORTH
JACKSONVILLE FL 32226

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OFFICE OF PETITIONS

In re Application of	:	
Roe et al.	:	
Application No. 13/281,741	:	DECISION ON PETITION
Filed: October 26, 2011	:	TO MAKE SPECIAL UNDER
Attorney Docket No. 1103-1 Roe	:	37 CFR 1.102(c)(1)
	:	

This is a decision on the petition under 37 CFR 1.102(c)(1), filed October 27, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement from George Samuel Roe, Jr.'s attorney. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to the undersigned at 571-272-3206.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being forwarded to the Office of Patent Application Processing for further pre-examination processing. Thereafter, the application will be referred to Technology Center Art Unit 3662 for action on the merits commensurate with this decision.

/Liana Walsh/
Liana Walsh
Petitions Examiner
Office of Petitions

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OFFICE OF PETITIONS

MICHAEL BEST & FRIEDRICH LLP (Mke)
100 E WISCONSIN AVENUE
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In re Application of :
Horton :
Application No. 13/281,756 :
Filed: October 26, 2011 :
Attorney Docket No. **028856-9003-US03** :

ON PETITION

This is a notice regarding your request for acceptance of a fee deficiency submission under 37 CFR 1.28. On September 1, 1998, the Court of Appeals for the Federal Circuit held that 37 CFR 1.28(c) is the sole provision governing the time for correction of the erroneous payment of the issue fee as a small entity. **See DH Technology v. Synergystex International, Inc. 154 F.3d 1333, 47 USPQ2d 1865 (Fed. Cir. Sept. 1, 1998).**

The Office no longer investigates or rejects original or reissue applications under 37 CFR 1.56. **1098 Off. Gaz. Pat. Office 502 (January 3, 1989)**. Therefore, nothing in this Notice is intended to imply that an investigation was done.

Your fee deficiency submission under 37 CFR 1.28 is hereby **ACCEPTED**.

This application is no longer entitled to small entity status. Accordingly, all future fees paid in this application must be paid at the large entity rate.

Inquiries related to this communication should be directed to the undersigned at (571) 272-3222.

/Kenya A. McLaughlin/

Kenya A. McLaughlin
Petitions Attorney
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/281,808	10/26/2011	Jeremiah Cottle	39729-20	5780

59582 7590 12/06/2011

DICKINSON WRIGHT PLLC
2600 WEST BIG BEAVER ROAD
SUITE 300
TROY, MI 48084-3312

EXAMINER	
LEE, BENJAMIN P	

ART UNIT	PAPER NUMBER
3641	

MAIL DATE	DELIVERY MODE
12/06/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Doc Code: TRACK1.GRANT DEC 0 6 2011

Decision Granting Request for Prioritized Examination (Track I)	Application No.: 13/281,808

1. THE REQUEST FILED 10/26/11 IS **GRANTED**.

The above-identified application has met the requirements for prioritized examination (Track I).

2. **The above-identified application will undergo prioritized examination.** The application will be accorded special status throughout its entire course of prosecution until one of the following occurs:

   A. filing a **petition for extension of time** to extend the time period for filing a reply;

   B. filing an **amendment to amend the application to contain more than four independent claims, more than thirty total claims**, or a multiple dependent claim;

   C. filing a **request for continued examination**;

   D. filing a notice of appeal;

   E. filing a request for suspension of action;

   F. mailing of a notice of allowance;

   G. mailing of a final Office action;

   H. completion of examination as defined in 37 CFR 41.102; or

   I. abandonment of the application.

Telephone inquiries with regard to this decision should be directed to STEVEN MEYERS at (571) 272-6611. In his/her absence, calls may be directed to ROBERT WEINHARDT (571) 272-6633.

[Signature]

TC QUALITY ASSURANCE SPECIALIST
(Title)

UNITED STATES PATENT AND TRADEMARK OFFICE

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WOOD, HERRON & EVANS, LLP (SYBRON)
441 VINE STREET
2700 CAREW TOWER
CINCINNATI OH 45202

MAILED
APR 09 2012
OFFICE OF PETITIONS

In re Application of :
Craig A. Andreiko :
Application No. 13/282,130 : DECISION ON PETITION
Filed: October 26, 2011 : TO MAKE SPECIAL UNDER
Attorney Docket No. ORM-303DV 37 CFR 1.102(c)(1)
:

This is a decision on the petition under 37 CFR 1.102(c)(1), filed March 8, 2012, to make the above-identified application special based on applicant's health as set forth in M.P.E.P. § 708.02, Section III.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section III: Applicant's Health, must be accompanied by evidence showing such as a doctor's certificate or other medical certificate that the state of health of the applicant is such that he or she might not be available to assist in the prosecution of the application if it were to run its normal course. No fee is required

The instant petition includes a certificate by attending physician, Dr. Heinz Lenz. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to the undersigned at 571-272-7751. All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

This matter is being referred to the Technology Center Art Unit 3776 for action on the merits commensurate with this decision.

/Joan Olszewski/
Joan Olszewski
Petitions Examiner
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/282,363	10/26/2011	Ryan Hill Mongan	10000871-0006-003	5829

26263 7590 03/07/2012

SNR DENTON US LLP
P.O. BOX 061080
CHICAGO, IL 60606-1080

EXAMINER	
NOBILE, DANIEL A	
ART UNIT	PAPER NUMBER
2617	

MAIL DATE	DELIVERY MODE
03/07/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
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SNR DENTON US LLP
P.O. BOX 061080
CHICAGO IL 60606-1080

In re Application of:
MONGAN, RYAN HILL et al
Serial No.: 13/282,363
Filed: October 26, 2011

Title: **ONE PIECE CO-FORMED EXTERIOR HARD SHELL CASE WITH AN ELASTOMERIC LINER FOR MOBILE ELECTRONIC DEVICES**

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

The petition requesting to make the application special filed October 26, 2011 is **GRANTED**.

The application is eligible for accelerated examination and the petition complies with the conditions for granting the application special status pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published June 26, 2006, in the Federal Register. (71 Fed. Reg. 36323).

The prosecution of the instant application will be conducted expeditiously according to the following guidelines.

1. The application will be docketed to an examiner and taken up for action within two weeks of the date of this decision.

2. Restriction Practice:
   If the examiner determines that the claims are not directed to a single invention, a telephone request to elect one single invention will be made pursuant to MPEP 812.01. As a prerequisite to the grant of this petition, the applicant has agreed to make an oral election, by telephone, without traverse. If the applicant refuses to make an election without traverse, or the examiner cannot reach the applicant after a reasonable effort, the examiner will treat the first claimed invention (invention defined by claim 1) as having being constructively elected without traverse for examination.

3. Office action:

If it is determined that, after appropriate consultation, there is a potential rejection or any other issue to be addressed, the examiner will telephone the applicant and arrange an interview to discuss and resolve the issue. An Office action, other than a Notice of Allowance and Fee(s) Due (Notice of Allowance), will not be issued unless either: 1) an interview was conducted but did not result in agreed to action that places the application in condition for allowance, or, 2) a determination is made that an interview would be unlikely to result in the application being placed in condition for allowance, and 3) an internal conference has been held to review any rejection of any claim.

4. Time for Reply:
An Office action other than a Notice of Allowance or a final Office action will set a shortened statutory period of one month or thirty days, whichever is longer, for reply with no extension of time available under 37 CFR 1.136(a). Failure to timely file a reply within this non-extendible period for reply will result in the abandonment of the application.

5. Reply by Applicant:
A timely reply to an Office action other than the Notice of Allowance must be submitted electronically via EFS or EFS-web and limited to addressing the rejections, objections and requirement made. Any amendment that attempts to: 1) add claims which would result in more than three pending independent claims or more than twenty pending total claims; 2) present claims not encompassed by the pre-examination search or an updated accelerated examination support document; or 3) present claims that are directed a non-elected invention or an invention other than that previously claimed and examined in the application, will be treated as not fully responsive and will not be entered.

For any amendment to the claims (including any new claim) that is not encompassed by the accelerated examination support document, applicant must provide an updated accelerated examination support document that encompasses the amended or new claims at the time of filing of the amendment.

To proceed expeditiously with the examination, it is recommended that a reply with amendments made to any claim or with any new claim being added be accompanied by an updated accelerated examination support document or a statement explaining how the amended or new claim is supported by the original accelerated examination support document.

6. Information Disclosure Statement (IDS):
Any IDS filed during prosecution must be submitted electronically via EFS or EFS-web, accompanied by an updated accelerated examination support document, and be in compliance with 37 CFR 1.97 and 1.98.

7. Post-Allowance Processing:
To expedite processing of the allowed application into a patent, the applicant must: 1) pay the required fees within one month of the date of the Notice of Allowance, and 2) not

file any post allowance papers not required by the Office. In no event may the issue fee be paid and accepted later than three months from the date of the Notice of Allowance.

8. After-Final and Appeal Procedures:
   To expedite prosecution, after receiving the final Office action, applicant must: 1) promptly file a notice of appeal, an appeal brief and appeal fees; and 2) not request a pre-appeal brief conference.

   Any amendment, affidavit or other evidence filed after final Office action must comply with applicable rules and the requirements outlined in numbered paragraphs 5 and 6 above.

   On appeal, the application will proceed according to normal appeal procedures. After appeal, the application will again be treated special.

9. Proceedings Outside the Normal Examination Process:
   If the application becomes involved in a proceeding that is outside the normal examination process (e.g., a secrecy order, national security review, interference proceeding, petitions under 37 CFR 1.181, 182 or 183), the application will be treated special before and after such proceeding.

10. Final Disposition:
    The twelve month goal of this accelerated examination procedure ends with a final disposition. The mailing of a final Office action, a Notice of Allowance, the filing of a Notice of Appeal, or the filing of a Request for Continued Examination (RCE) is the final disposition.

If, during prosecution, a paper is not filed electronically using EFS-web, a reply is filed but is not fully responsive, the application is involved in an appeal, or a proceeding outside normal examination process, the application will still be examined expeditiously, however, the final disposition may occur more than twelve months from the filing of the application.

Any inquiry regarding this decision should be directed to Wellington Chin, Quality Assurance Specialist, at (571) 272-3134.

/ Wellington Chin /

Wellington Chin
Quality Assurance Specialist
Technology Center 2600
Communications

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
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P.O. Box 1450
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KAMILO FEHER
44685 COUNTRY CLUB DRIVE
EL MACERO CA 95618

MAILED
NOV 08 2011
OFFICE OF PETITIONS

In re Application of	:	
Feher, Kamilo	:	
Application No. 13/282,461	:	DECISION ON PETITION
Filed: October 27, 2011	:	TO MAKE SPECIAL UNDER
Attorney Docket No.	:	37 CFR 1.102(c)(1)
QAMGMSKMapplIDatSH26Oct11	:	

This is a decision on the petition under 37 CFR 1.102(c)(1), filed October 27, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement from the applicant, Kamilo Feher. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to the undersigned at 571-272-3206.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being forwarded to the Technology Center Art Unit 2611 for action on the merits commensurate with this decision.

/Liana Walsh/
Liana Walsh
Petitions Examiner
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
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P.O. Box 1450
Alexandria, VA 22313-1450
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GREENBERG TRAURIG (NJ)
200 PARK AVE.
P.O. BOX 677
FLORHAM PARK NJ 07932

MAILED
NOV 09 2011
OFFICE OF PETITIONS

In re Application of	:	
Stern et al.	:	
Application No. 13/283,055	:	DECISION ON PETITION
Filed: October 27, 2011	:	TO MAKE SPECIAL UNDER
Attorney Docket No. 133302-464571/CON	:	37 CFR 1.102(c)(1)
	:	

This is a decision on the petition under 37 CFR 1.102(c)(1), filed October 27, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement from William Stern's attorney. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to the undersigned at 571-272-3206.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being forwarded to the Office of Patent Application Processing for further pre-examination processing. Thereafter, the application will be referred to Technology Center Art Unit 1618 for action on the merits commensurate with this decision.

/Liana Walsh/
Liana Walsh
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 5121-0004	Application Number (if known): 13/283,082	Filing date: October 27, 2011

First Named Inventor: SangYoul LEE

Title: LIGHT EMITTING DEVICE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Yoon S. Ham/	Date November 8, 2011
Name (Print/Typed) Yoon S. Ham	Registration Number 45,307

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Docket No.: 5121-0004 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
	:	
SangYoul LEE et al.	:	Confirmation No. 6106
	:	
U.S. Patent Application No. 13/283,082	:	Group Art Unit: Not Yet Assigned
	:	
Filed: October 27, 2011	:	Examiner: Not Yet Assigned

For: LIGHT EMITTING DEVICE

STATEMENT OF SPECIAL STATUS

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

This Statement of Special Status is filed in conjunction with a Petition to Make Special Under the Green Technology Pilot Program.

The above-referenced application pertains to environmental quality. Special status is sought because the invention materially contributes to the more efficient utilization and conservation of energy resources by providing a light emitting device with improved light emitting efficiency and a lighting system including the light emitting device. The present invention relates to the light emitting device which has several advantages of low power consumption, semi-permanent usage, a long life time, a fast response speed, and environment-friendliness. In particular, the light emitting device according to the present invention has an effect of improved light efficiency by improving light extraction efficiency.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any

excess fees to such deposit account.

Respectfully submitted,

LOWE HAUPTMAN HAM & BERNER, LLP

/Yoon S. Ham/

Yoon S. Ham
Registration No. 45,307

1700 Diagonal Road, Suite 300
Alexandria, Virginia 22314
(703) 535- 7340
(703) 518-5499 Facsimile
Date: November 8, 2011
YSH/ih

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/283,082	10/27/2011	SangYoul LEE	5121-0004	6106

22429 7590 12/01/2011

LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA, VA 22314

EXAMINER	
ART UNIT	PAPER NUMBER
2811	

MAIL DATE	DELIVERY MODE
12/01/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
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Alexandria, VA 22313-1450
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LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA VA 22314

DEC 1 2011

In re Application of	:	
LEE et al.	:	DECISION ON PETITION
Application No. 13/283,082	:	TO MAKE SPECIAL UNDER
Filed: October 27, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 5121-0004	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 8, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
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SUGHRUE-265550
2100 PENNSYLVANIA AVE. NW
WASHINGTON DC 20037-3213

MAILED

DEC 21 2011

OFFICE OF PETITIONS

In re Application of :
HIDEAKI TSUBAKI :
Application No. 13/283,125 : DECISION ON PETITION
Filed: October 27, 2011 :
Attorney Docket No. Q127385 :

This is in response to the petition under 37 CFR 1.57(a), filed November 18, 2011, which is being treated as a petition under 37 CFR 1.53(e)(2), requesting that the above-referenced application be accorded a filing date of October 27, 2011.

The application papers in the above-identified application were deposited on October 27, 2011. On November 5, 2011, the Office of Patent Application Processing mailed applicants a Notice of Incomplete Nonprovisional Application notifying applicants that the application papers had not been accorded a filing date because the application was deposited without drawings. Additionally, the Notice required a properly executed oath or declaration in compliance with 37 CFR 1.63.

On November 18, 2011, applicants filed the present petition and a copy of the omitted drawings. Applicants request entry of the inadvertently omitted drawings on the basis that the application as filed contains a claim under 37 CFR 1.78 for the benefit of a prior-filed nonprovisional application and that the inadvertently omitted drawings are contained in that prior-filed application. Applicants indicate that an executed Declaration and Power of Attorney will be submitted at a later date.

A review of the application confirms the application as filed contains at least one method claim. MPEP § 601.01(f) provides: "It has been USPTO practice to treat an application that contains at least one process or method claim as an application for which a drawing is not necessary for an understanding of the invention under 35 U.S.C. 113 (first sentence)." Thus, pursuant to MPEP § 601.01(f), a drawing is not considered essential for a filing date. The instant application is entitled to a filing date without drawings present in the application. Accordingly, the Office should have granted the application a filing date and mailed a Notice of Omitted Items instead of a Notice of Incomplete Nonprovisional Application.

As stated in MPEP § 601.01(g) under the section entitled, "Application Entitled to a Filing Date," applicants may submit an amendment to include the inadvertently omitted portion of the drawing(s) pursuant to 37 CFR 1.57(a):

> [i]f an application was filed on or after September 21, 2004, and contains a claim under 37 CFR 1.55 for priority of a prior-filed foreign application, or a claim under 37 CFR 1.78 for the benefit of a prior-filed provisional, nonprovisional, or international application that was present on the filing date of the application, and the omitted portion of the drawing(s) was inadvertently omitted from the application and is completely contained in the prior-filed application[.]

Any amendment requesting entry of the inadvertently omitted drawings must comply with 37 CFR 1.57(a) and 37 CFR 1.121 and will be considered by the Examiner. See MPEP § 201.17.

The petition is **GRANTED** to the extent the application will be accorded a filing date of October 27, 2011, with no drawings as part of the original disclosure.

Given the basis for granting this petition, the $400.00 petition fee is being refunded.

Pursuant to this decision, the application will be referred to Office of Patent Application Processing:

- **to accord the application a filing date of October 27, 2011;**
- **for indication in Office records, as appropriate, that "0" sheets of drawings were present on filing;**
- **for issuance of a filing receipt; and;**
- **to mail a Notice to File Missing Parts of Nonprovisional Application – Filing Date Granted requiring a properly signed oath or declaration in compliance with 37 CFR 1.63 and a surcharge for its late filing.**

Entry of the amendment filed November 18, 2011, will be determined by the Examiner.

Telephone inquiries concerning this matter may be directed to Christina Tartera Donnell, Senior Petitions Attorney at (571) 272-3211.

Anthony Knight
Director
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 5121-0005	Application Number (if known): 13/283,152	Filing date: October 27, 2011

First Named Inventor: HwanHee JEONG

Title: LIGHT EMITTING DEVICE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Yoon S. Ham/	Date November 8, 2011
Name (Print/Typed) Yoon S. Ham	Registration Number 45,307

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Docket No.: 5121-0005 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
	:	
HwanHee JEONG	:	Confirmation No. 9561
	:	
U.S. Patent Application No. 13/283,152	:	Group Art Unit: Not Yet Assigned
	:	
Filed: October 27, 2011	:	Examiner: Not Yet Assigned

For: LIGHT EMITTING DEVICE

STATEMENT OF SPECIAL STATUS

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

This Statement of Special Status is filed in conjunction with a Petition to Make Special Under the Green Technology Pilot Program.

The above-referenced application pertains to environmental quality. Special status is sought because the invention materially contributes to the more efficient utilization and conservation of energy resources by providing a light emitting device with improved light emitting efficiency. The present invention relates to the light emitting device which has several advantages of low power consumption, a rapid processing speed, a long life time, and environment-friendliness. In particular, the light emitting device according to the present invention has an improved effect in light emission efficiency, stability, and reliability.

To the extent necessary, a petition for an extension of time under 37 C.F.R. 1.136 is hereby made. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 07-1337 and please credit any

excess fees to such deposit account.

Respectfully submitted,

LOWE HAUPTMAN HAM & BERNER, LLP

/Yoon S. Ham/

Yoon S. Ham
Registration No. 45,307

1700 Diagonal Road, Suite 300
Alexandria, Virginia 22314
(703) 535- 7340
(703) 518-5499 Facsimile
Date: November 8, 2011
YSH/ih

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/283,152	10/27/2011	HwanHee JEONG	5121-0005	9561

22429 7590 12/01/2011
LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA, VA 22314

EXAMINER	
ART UNIT	PAPER NUMBER
2811	

MAIL DATE	DELIVERY MODE
12/01/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA VA 22314

DEC 1 2011

In re Application of :
JEONG, HWANHEE :
Application No. 13/283,152 :
Filed: October 27, 2011 :
Attorney Docket No. 5121-0005 :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 8, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

KNOBLE, YOSHIDA & DUNLEAVY
EIGHT PENN CENTER
SUITE 1350, 1628 JOHN F KENNEDY BLVD
PHILADELPHIA PA 19103

MAILED
NOV 30 2011
OFFICE OF PETITIONS

In re Application of	:	
Frampton E. Ellis	:	
Application No. 13/283,274	:	DECISION ON PETITION
Filed: October 27, 2011	:	TO MAKE SPECIAL UNDER
Attorney Docket No. GNC-26USCON2	:	37 CFR 1.102(c)(1)
	:	

This is a decision on the petition under 37 CFR 1.102(c)(1), filed November 9, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement by inventor Frampton E. Ellis, attesting to his/her age. The above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Kimberly Inabinet at 571-272-4618.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Upon completion of the pre-examination processing by the Office of Patent Application Processing, this application will be referred to Technology Center 3739 for action on the merits commensurate with this decision.

/Kimberly Inabinet/

Kimberly Inabinet
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 5121-0006	Application Number (if known): 13/283,276	Filing date: October 27,2011

First Named Inventor: SungKyoon KIM

Title: LIGHT EMITTING DIODE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Yoon S. Ham/	Date October 28, 2011
Name (Print/Typed) Yoon S. Ham	Registration Number 45,307

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/283,276	10/27/2011	SungKyoon KIM	5121-0006	1018

22429 7590 12/01/2011

LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA, VA 22314

EXAMINER	
ART UNIT	PAPER NUMBER
2811	

MAIL DATE	DELIVERY MODE
12/01/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
P.O. Box 1450
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LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA VA 22314

DEC 1 2011

In re Application of	:	
KIM et al.	:	DECISION ON PETITION
Application No. 13/283,276	:	TO MAKE SPECIAL UNDER
Filed: October 27, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 1018	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on October 28, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13/283,321	Confirmation Number	3754	Filing Date	2011-10-27
Attorney Docket Number (optional)	2011-IP-041021U1	Art Unit		Examiner	Unassigned
First Named Inventor	Jiten Chatterji				
Title of Invention	Slag Compositions and Methods of Use				

Attention: Office of Petitions
An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
Jiten		Chatterji	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18.
Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

◉ (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Corey S. Tumey/	Date (YYYY-MM-DD)	2011-10-27
Name	Corey S. Tumey	Registration Number	57079

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

In re Application of
Jiten Chatterji

Application No. 13283321

Filed:

Attorney Docket No. 2011-IP-041021U1

:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 28-OCT-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 913RO-002000US	Application Number (if known): Unassigned	Filing date: Unassigned

First Named Inventor: Xiangchun ZHANG

Title: METHOD AND SYSTEM FOR OPERATING A BATTERY IN A SELECTED APPLICATION

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. **See Instruction Sheet on page 2.**

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement in Support of Green Tech. Petition

Signature /Steve Y. Cho/	Date October 27, 2011
Name (Print/Typed) Steve Y. Cho for Richard T. Ogawa	Registration Number 44,612 / 37,692

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 2 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
Attorney Docket No.: 913RO-002000US
Client Ref. No.: S17.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Xiangchun ZHANG et al. Application No.: Unassigned Filed: Unassigned For: METHOD AND SYSTEM FOR OPERATING A BATTERY IN A SELECTED APPLICATION Customer No.: 83275	Confirmation No. Unassigned Examiner: Unassigned Technology Center/Art Unit: Unassigned STATEMENTS OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT FOR PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby request participation in the Green Technology Pilot Program for the above-identified application, pursuant to 37 C.F.R. 1.102.

The application is a non-reissue, non-provisional utility application filed under 35 USC 111(a). As submitted herewith, the application contains no more than three independent claims, twenty or fewer total claims, and no multiple dependent claims.

Applicant believes the pending claims in the application are directed to a single invention that materially contributes to the discovery or development of renewable energy resources. The claimed invention is directed to an advanced method for designing and manufacturing electrochemical cells of a battery. More particularly, the pending claims provide a method and a system for operating a battery device in an application selected from one of a mobile communication device, a vehicle, display device, or computing device, the method including a process for monitoring and predicting a state of the battery device while the battery device is configured with the application.

By filing this petition, Applicants hereby agree to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Programs if the Office determines that the claims are not obviously directed to a single invention. In addition, by filing this petition, Applicants hereby request early publication under 37 CFR 1.219. The publication fee set forth in 37 CFR 1.18(d) has been submitted with this request.

CONCLUSION

The Commissioner is authorized to charge any deficiency in any fees required under 37 C.F.R. 1.16 and/or 1.17, including extension of time fees, and credit any overpayment to Deposit Account No. 50-4713.

If a telephone conference would expedite prosecution of this application, please telephone the undersigned at 425-348-3500.

Respectfully submitted,

/Steve Y. Cho/

Steve Y. Cho
Reg. No. 44,612

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043
Tel: 425-348-3500
Fax: 425-968-9795

4842-5548-2893, v. 1

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/283,524	10/27/2011	Xiangchun ZHANG	913RO-002000US	7003

83275 7590 12/01/2011

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043

EXAMINER	
ART UNIT	PAPER NUMBER
2858	

NOTIFICATION DATE	DELIVERY MODE
12/01/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@ampacc.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace WA 98043

DEC 1 2011

In re Application of :
ZHANG et al. : DECISION ON PETITION
Application No. 13/283,524 : TO MAKE SPECIAL UNDER
Filed: October 27, 2011 : THE GREEN TECHNOLOGY
Attorney Docket No. 913RO-002000US : PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 9, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 913RO-001300US	Application Number (if known): Unassigned	Filing date: Unassigned

First Named Inventor: Hyoncheol KIM

Title: BARRIER FOR THIN FILM LITHIUM BATTERIES MADE ON FLEXIBLE SUBSTRATES AND RELATED METHODS

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. **See Instruction Sheet on page 2.**

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Steve Y. Cho/	Date October 27, 2011
Name (Print/Typed) Steve Y. Cho	Registration Number 44,612

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT
Attorney Docket No.: 913RO-001300US
Client Ref. No.: S13.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hyoncheol KIM et al. Application No.: Unassigned Filed: Unassigned For: BARRIER FOR THIN FILM LITHIUM BATTERIES MADE ON FLEXIBLE SUBSTRATES AND RELATED METHODS Customer No.: 83275	Confirmation No. Unassigned Examiner: Unassigned Technology Center/Art Unit: Unassigned STATEMENTS OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT FOR PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby request participation in the Green Technology Pilot Program for the above-identified application, pursuant to 37 C.F.R. 1.102.

The application is a non-reissue, non-provisional utility application filed under 35 USC 111(a). As submitted herewith, the application contains no more than three independent claims, twenty or fewer total claims, and no multiple dependent claims.

Applicant believes the pending claims in the application are directed to a single invention that materially contributes to the discovery or development of renewable energy resources. The claimed invention is directed to an advanced method for designing and manufacturing of electrochemical cells of an energy system. More particularly, the pending claims provide a method and device for fabricating a solid state thin film battery device.

By filing this petition, Applicants hereby agree to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Programs if the Office determines that the claims are not obviously directed to a single invention. In addition, by filing this petition, Applicants hereby request early

publication under 37 CFR 1.219. The publication fee set forth in 37 CFR 1.18(d) has been submitted with this request.

CONCLUSION

The Commissioner is authorized to charge any deficiency in any fees required under 37 C.F.R. 1.16 and/or 1.17, including extension of time fees, and credit any overpayment to Deposit Account No. 50-4713.

If a telephone conference would expedite prosecution of this application, please telephone the undersigned at 425-348-3500.

Respectfully submitted,

/Steve Y. Cho/

Steve Y. Cho
Reg. No. 44,612

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043
Tel: 425-348-3500
Fax: 425-968-9795

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/283,528	10/27/2011	Hyoncheol KIM	913RO-001300US	9952

83275 7590 11/18/2011

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043

EXAMINER	
ART UNIT	PAPER NUMBER
1726	

NOTIFICATION DATE	DELIVERY MODE
11/18/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@ampacc.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

11/18/11

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace WA 98043

In re Application of	:	
Kim et al.	:	DECISION ON PETITION
Application No. 13/283,528	:	TO MAKE SPECIAL UNDER
Filed: 10/27/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **913RO-001300US**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 10/27/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1726 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13283545	Confirmation Number	5972	Filing Date	2011-10-27
Attorney Docket Number (optional)	11027-NPA2	Art Unit	3725	Examiner	
First Named Inventor	Charles L. Henderson				
Title of Invention	Laser Woodworking Machine				

Attention: Office of Petitions
An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
Charles	L.	Henderson	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

● (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Dennis W. Jones/	Date (YYYY-MM-DD)	2012-04-06
Name	Dennis W. Jones	Registration Number	51128

PTO/SB/130 (07-09)
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Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

In re Application of
Charles L. Henderson

Application No. 13283545

Filed: October 27,2011

Attorney Docket No. 11027-NPA2

:
:
:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)
:

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 06-APR-2012 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: AFL-06C1	Application Number (if known): 13283580	Filing date: 27-10-2011

First Named Inventor: Bao Tran

Title: LOW POWER OPERATION OF ELECTRONIC DEVICES

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /bqt/	Date 12/26/2011
Name (Print/Typed) Bao Tran	Registration Number 37955

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/283,580	10/28/2011	Alan An Thuan Tran	AFL-006C1 LoPower Med Dev	2286

31688 7590 01/06/2012

TRAN & ASSOCIATES
P.O. Box 68
Saratoga, CA 95071-0068

EXAMINER	
ART UNIT	PAPER NUMBER
3651	

MAIL DATE	DELIVERY MODE
01/06/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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1/6/12

TRAN & ASSOCIATES
P.O. Box 68
Saratoga CA 95071-0068

In re Application of	:	
Tran et al.	:	DECISION ON PETITION
Application No. 13/283,580	:	TO MAKE SPECIAL UNDER
Filed: 10/28/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **AFL-006C1 LoPower Med Dev**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 12/28/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 3651 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: LGE-0199	Application Number (if known): 13/283,738	Filing date: October 28, 2011

First Named Inventor: Jonghyun BYEON

Title: DISPLAY APPARATUS

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date November 3, 2011
Name (Print/Typed) Daniel Y.J. Kim	Registration Number 36,186

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 2 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No.: **LGE-0199** PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	Confirmation No.: **1224**
Jonghyun BYEON; Sunghwan KIM; Yunjoo KIM; Cheolsoo KIM; Sangdon PARK; Moungyoub LEE; Hyoungsuck OH; and Deogjin LEE	Group Art Unit: **2628**
Serial No.: **13/283,738**	Examiner: **To Be Assigned**
Filed: **October 28, 2011**	Customer No.: **34610**

For: **DISPLAY APPARATUS**

STATEMENT OF SPECIAL STATUS FOR ELIGIBILITY UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

U.S. Patent and Trademark Office
Customer Service Window, **MAIL STOP PETITIONS**
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

Special status is sought under 37 CFR §1.102 because the invention materially contributes to the more efficient utilization and conservation of energy resources.

Respectfully submitted,
KED & ASSOCIATES, LLP

Daniel Y.J. Kim
Registration No. 36,186

Correspondence Address:
P.O. Box 8638
Reston, VA 20195
703 766-3777 DYK/dak
Date: November 3, 2011
Please direct all correspondence to Customer Number 34610
Q:\Documents\2039-894\303075

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/283,738	10/28/2011	Jonghyun BYEON	LGE-0199	1224

34610 7590 01/23/2012

KED & ASSOCIATES, LLP
P.O. Box 8638
Reston, VA 20195

EXAMINER	
ART UNIT	PAPER NUMBER
2628	

MAIL DATE	DELIVERY MODE
01/23/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
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KED & ASSOCIATES, LLP
P.O. Box 8638
Reston VA 20195

In re Application of	:	
BYEON et al.	:	DECISION ON PETITION
Application No. 13/283,738	:	TO MAKE SPECIAL UNDER
Filed: October 28, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **LGE-0199**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 03, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Lee W. Young at 571-272-4549.

The application is being forwarded to the Technology Center Art Unit 2628 for action on the merits commensurate with this decision.

Lee W. Young
Subject Matter Expert
Technology Center 2600

UNITED STATES PATENT AND TRADEMARK OFFICE

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DORITY & MANNING, P.A.
POST OFFICE BOX 1449
GREENVILLE, SC 29602-1449

MAILED

NOV 07 2011

OFFICE OF PETITIONS

In re Application of :
Roger C. Knox et al :
Application No. 13/284,108 :
Filed: :
Attorney Docket No. TCP-50C-DIV :
:

DECISION ON PETITION
TO MAKE SPECIAL UNDER
37 CFR 1.102(c)(1)

This is a decision on the petition under 37 CFR 1.102(c)(1), filed October 28, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED.**

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required.

The instant petition includes a statement from a registered practitioner that he has evidence that inventor Bryant A. Zavitz is over 65 years of age. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Irvin Dingle at 571-272-3210. All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The matter is being referred to the Technology Center Art Unit 1742 for action on the merits commensurate with this decision.

Irvin Dingle
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (05-10)
Approved for use through 05/31/2010. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 2832-0662PUS1	Application Number (if known): 13/284,124	Filing date: October 28, 2011
First Named Inventor: SangYoul LEE		
Title: LIGHT EMITTING DEVICE		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements set forth in the notice titled "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," as modified by the notice titled "Elimination of Classification Requirement in the Green Technology Pilot Program," each of which was published in the Federal Register, if the Office determines that the claims are not obviously directed to a single invention.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date DEC 06 2011
Name (Print/Typed) James T. Eller, Jr.	Registration Number 39538

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below.*

☐ *Total of _____ forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/420 (05-10)
Approved for use through 05/31/2010. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Instruction Sheet for Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction" and (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371. The application must be previously filed before the publication date of the notice cited above. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Docket No.: 2832-0662PUS1
(Patent)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:
SangYoul LEE et al.

Application No.:	13/284,124	Confirmation No.:	8473
Filed:	October 28, 2011	Art Unit:	2811
For: LIGHT EMITTING DEVICE		Examiner:	N/A

STATEMENT OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In support of the Petition to Make Special Under the Green Technology Pilot Program, it is respectfully submitted that the basis for the requested special status is that the invention claimed in the above-identified patent application materially contributes to the development of environmental quality and energy conservation. Specifically, the claimed invention relates to Light Emitting Device comprising semiconductor layers.

For example, Light Emitting Devices with semiconductor layers have a much longer life-span than conventional light sources such as fluorescent tubes or other traditional light sources. Light Emitting Devices with semiconductor layers also use less energy or power to operate than other traditional light sources. Thus, the environmental quality is significantly improved and energy is conserved.

Additionally, by filing this petition, Applicants agree to make an election without traverse in a telephone interview and elect an invention that meets the eligibility requirements set forth in the notice titled "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," as modified by the notice titled "Elimination of Classification Requirement in the Green

Technology Pilot Program," each of which was published in the Federal Register, if the Office determines that the claims are not obviously directed to a single invention.

It is also submitted that this application meets the eligibility requirements to participate in the Green Technology Pilot Program, as listed in the attached Petition to Make Special Under the Green Technology Pilot Program.

Accordingly, it is respectfully requested the Petition be granted.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact the undersigned below to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Director is hereby authorized in this, concurrent, and future replies to charge any fees required during the pendency of the above-identified application or credit any overpayment to Deposit Account No. 02-2448.

Dated: DEC 06 2011

Respectfully submitted,

By _____
James T. Eller, Jr.
Registration No.: 39538
BIRCH, STEWART, KOLASCH & BIRCH, LLP
8110 Gatehouse Road, Suite 100 East
P.O. Box 747
Falls Church, VA 22040-0747
703-205-8000

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/284,124	10/28/2011	SangYoul LEE	2832-0662PUS1	8473

2292 7590 01/11/2012

BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH, VA 22040-0747

EXAMINER	
ART UNIT	PAPER NUMBER
2811	

NOTIFICATION DATE	DELIVERY MODE
01/11/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
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BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH VA 22040-0747

In re Application of	:	
LEE et al.	:	DECISION ON PETITION
Application No. 13/284,124	:	TO MAKE SPECIAL UNDER
Filed: October 28, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 2832-0662PUS1	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on December 6, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

McDERMOTT WILL & EMERY, LLP
600 13th Street, N.W.
Washington, DC 20005-3096

MAILED
JAN 17 2012
OFFICE OF PETITIONS

In re Application of
Hiroyuki Tanaka, et. al.
Application No.: 13/284,294
Filed: October 28, 2011
Attorney Docket No.: 061352-0385
For: LIGHT-EMITTING DIODE

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed November 1, 2011, to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PPH pilot program and petition to make special require:

1. The U.S. application is
    a. a Paris Convention application which either
        i. validly claims priority under 35 U.S.C. 119(a) and 37 CFR 1.55 to one or more applications filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
    b. a national stage application under the PCT (an application which entered the national stage in the U.S. from a PCT international application after compliance with 35 U.S.C. 371), which PCT application
        i. validly claims priority to an application filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
        iii. contains no priority claim, or
    c. a so-called bypass application filed under 35 U.S.C. 111(a) which validly claims benefit under 35 U.S.C. 120 to a PCT application, which PCT application
        i. validly claims priority to an application filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
        iii. contains no priority claim;
2. Applicant must submit a copy of:
    a. The allowable/patentable claim(s) from the JPO application(s);
    b. An English translation of the allowable/patentable claim(s) and
    c. A statement that the English translation is accurate;

3. Applicant must:
    a. Ensure all the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the JPO application(s) and
    b. Submit a claims correspondence table in English;
4. Examination of the U.S. application has not begun;
5. Applicant must submit:
    a. Documentation of prior office action:
        i. a copy of the office action(s) just prior to the "Decision to Grant a Patent" from each of the JPO application(s) containing the allowable/patentable claim(s) or
        ii. if the allowable/patentable claims(s) are from a "Notification of Reasons for Refusal" then the Notification of Reasons for Refusal or
        iii. if the JPO application is a first action allowance then no office action from the JPO is necessary should be indicated on the request/petition form;
    b. An English language translation of the JPO Office action from (5)(a)(i)-(ii) above
    c. A statement that the English translation is accurate;
6. Applicant must submit:
    a. An IDS listing the documents cited by the JPO examiner in the JPO office action (unless already submitted in this application)
    b. Copies of the documents except U.S. patents or U.S. patent application publications (unless already submitted in this application);

The request to participate in the PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Inquiries concerning this decision should be directed to Andrea Smith at (571) 272-3226. All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application will be forwarded to the examiner for action on the merits commensurate with this decision.

/Andrea Smith/
Andrea Smith
Petitions Examiner
Office of Petitions

/David Bucci/
Petitions Examiner

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

KENYON & KENYON LLP
ONE BROADWAY
NEW YORK NY 10004

MAILED
FEB 13 2012
OFFICE OF PETITIONS

In re Application of
Zalit et al.
Application No.: 13/284,454
Filed: October 28, 2011
Attorney Docket No.: 01662/80003
For: COMPRESSED SOLID DOSAGE FORM MANUFACTURING PROCESS WELL-SUITED FOR USE WITH DRUGS OF LOW AQUEOUS SOLUBILITY AND COMPRESSED SOLID DOSAGE FORMS MADE THEREBY

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the PCT Patent Prosecution Highway (PCT-PPH) pilot program and the petition under 37 CFR 1.102(a), filed on November 23, 2011, to make the above-identified application special.

The request and petition are **DISMISSED**.

Discussion

A grantable request to participate in the PCT-PPH pilot program and petition to make special require:

(1) The U.S. application must have an eligible relationship to one or more PCT applications where the ISA or IPEA are the JPO, EPO, KIPO, NPI, NBPR, or USPTO;

(2) At least one claim in the PCT application has novelty, inventive step, and industrial applicability and must be free of any observations in Box VIII in the latest work product in the international stage or applicant must identify and explain why the claim(s) is/are not subject to the observation in Box VIII;

(3) Applicant must submit a copy of the claim(s) from the PCT application(s) that have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate, if the claims are not in the English language;

(4) All the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the claim(s) that have novelty, inventive step, and industrial applicability in the PCT application(s);

(5) Examination of the U.S. application has not begun;

(6) Applicant must submit a copy of the latest international work product from the PCT application indicating that the claim(s) have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate if the latest international work product is not in the English language;

(7) Applicant must submit an IDS listing the documents cited by the PCT examiner in the international work product along with copies of documents except U.S. patents or U.S. patent application publications.

(8) Applicant is required to submit a claims correspondence table in English which indicates how all the claims in the U.S. application correspond to the claims indicated as having novelty, inventive step and industrial applicability in the latest international work product.

Conditions (2-8) above are considered to have been met. However, the request to participate in the PPH pilot program and petition fails meet condition (1).

Regarding the requirement of condition (1), applicant has failed to establish that the U.S. application has an eligible relationship to one or more PCT applications where the ISA or IPEA is the EPO.

Applicant is given **ONE** opportunity within a time period of **ONE MONTH or THIRTY DAYS**, whichever is longer, from the mailing date of this decision to correct the deficiencies. **NO EXTENSION OF TIME UNDER 37 CFR 1.136 IS PERMITTED.** If the deficiencies are not corrected with the time period given, the application will await action in its regular turn.

Response must be filed via the Electronic Filing System (EFS) using the document description: Petition to make special under PCT – Patent Pros Hwy. Any preliminary amendments and IDS submitted with the PPH documents must be separately indexed as a preliminary amendment and IDS, respectively.

Telephone inquiries concerning this decision should be directed to Petitions Examiner Liana Walsh at (571) 272-3206.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc/index.html.

/dab/
David Bucci
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 800KT-000241US	Application Number (if known): Unassigned	Filing date: Unassigned

First Named Inventor: Danielle A. FONG

Title: COMPRESSED AIR ENERGY STORAGE SYSTEM UTILIZING TWO-PHASE FLOW TO FACILITATE HEAT EXCHANGE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement in Support of Green Tech. Petition

Signature /Steve Y. Cho/	Date October 28, 2011
Name (Print/Typed) Steve Y. Cho	Registration Number 44,612

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 2 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
Attorney Docket No.: 800KT-000241US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Danielle A. FONG et al.

Application No.: Not Yet Assigned
Continuation Appl. No. 12/701,039

Filed: Herewith

For: COMPRESSED AIR ENERGY STORAGE SYSTEM UTILIZING TWO-PHASE FLOW TO FACILITATE HEAT EXCHANGE

Customer No.: 83274

Confirmation No.: Not Yet Assigned

Examiner: Not Yet Assigned

Technology Center/Art Unit: Not Yet Assigned

STATEMENT IN SUPPORT OF GREEN TECHNOLOGY PETITION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby request participation in the Green Technology Pilot Program for the above-identified continuation application, pursuant to 37 C.F.R. 1.102.

The application is a non-reissue, non-provisional utility application filed under 35 USC 111(a). As submitted herewith, the application contains no more than three independent claims, twenty or fewer total claims, and no multiple dependent claims.

Early publication is requested under 37 CFR 1.219. The publication fee of $300 set forth in CFR 1.18(d) accompanies this petition request.

The claims of this patent application materially contribute to: (1) the discovery or development of renewable energy resources. Specifically, claim 1 recites an apparatus comprising a piston moveable within the cylinder in response to expansion of the compressed gas, and a rotating shaft configured to be driven by the piston via a linkage. As employed in an energy storage system utilizing compressed gas, such an apparatus can enhance the quality of the environment and reduce greenhouse gases, by allowing energy from intermittent renewable energy resources (such as wind and solar) to be accessible for consumption at times other than when provided by nature. For example, absent some sort of energy storage, wind energy

provided by nature during times of low demand (such as at night or on weekends) or at times of ready availability of other energy resources, may be wasted.

By contrast, energy storage system may allow renewable energy to be stored and then recovered at some later time in order to meet peak demand (such as occurs Mon-Friday between 7AM-5PM). Making energy from intermittent renewable energy resources accessible reduces the burden on fossil fuel-burning/greenhouse gas-emitting "peaker" power plants to otherwise meet peak demand. This promotes the development of renewable energy resources.

It is noted that particular embodiments may rely upon "green" materials such as compressed air. By contrast, other approaches to energy storage (for example electrochemical cells), can utilize less environmentally-friendly materials.

By filing this petition, Applicants hereby agree to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Programs if the Office determines that the claims are not obviously directed to a single invention. In addition, the publication fee set forth in 37 CFR 1.18(d) has been submitted with this request.

The Commissioner is authorized to charge any deficiency in any fees required under 37 C.F.R. 1.16 and/or 1.17, including extension of time fees, and credit any overpayment to Deposit Account No. 50-4713. If a telephone conference would expedite prosecution of this application, please telephone the undersigned at 425-348-3500.

Respectfully submitted,

/Steve Y. Cho/

Steve Y. Cho
Reg. No. 44,612

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043
Tel: 425-348-3500
Fax: 425-968-9795

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/284,850	10/28/2011	Danielle A. FONG	800KT-000241US	8162

83274 7590 11/25/2011

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043

EXAMINER	
ART UNIT	PAPER NUMBER
3745	

NOTIFICATION DATE	DELIVERY MODE
11/25/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

DOCKETING@AMPACC.COM
email@ampacc.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
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Alexandria, VA 22313-1450
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AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace WA 98043

In re Application of		
FONG, DANIELLE A. et. al.	:	DECISION ON PETITION
Application No. 13/284,850	:	TO MAKE SPECIAL UNDER
Filed: October 28, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 800KT-000241US	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed October 28, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **dismissed**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

If reconsideration of this decision is desired, a petition for reconsideration must be filed within ONE (1) MONTH OR THIRTY (30) DAYS from the mail date of this decision, whichever is longer. No extension of this time limit can be granted under 37 CFR 1.136(a) or (b). The petition for reconsideration should include an exhaustive attempt to provide the lacking item(s) noted below, since, after a decision on the petition for reconsideration, no further reconsideration or review of the matter will be undertaken by the Director.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to

make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

In regard to item 4, petitioner should note that the instant petition includes a statement identifying the basis for the special status (i.e., whether the instant invention (1) materially enhances the quality of the environment or materially contributes to (2) development of renewable energy resources or energy conservation, or (3) greenhouse gas reduction) as required by sections II and III of the notice. However, as stated in the notice, applicant must also provide a statement pertaining to the materiality standard if the application disclosure is not clear on its face as to the materiality of the basis for the special status of the invention. This petition lacks such a statement and it is not agreed that the application on its face meets that materiality standard. Petitioner states that the claimed invention relates to green technology. This is not convincing. It is not clear how the claimed computer control of a valve, shaft, piston and nozzle will provide and enhance the quality of the environment or contribute to development of renewable energy resources or energy conservation or greenhouse gas reduction. There is no relationship between the statement regarding energy conversion and the claimed subject matter.

Any reconsideration of this decision should be submitted through the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen.

Telephone inquiries concerning this decision should be directed to Henry C. Yuen at 571-272-4856. Currently, the application is undergoing pre-examination processing. Upon completion, the application will be forwarded to the Technology Center Art Unit 3745 for action in its regular turn.

/Henry C. Yuen/

Henry C. Yuen
Quality Assurance Specialist
Technology Center TC 3700

Doc Code: PPH.PCT.652
Document Description: Petition to make special under PCT-Patent Pros Hwy

PTO/SB/20PCT-KR (06-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PATENT COOPERATION TREATY - PATENT PROSECUTION HIGHWAY (PCT-PPH) PILOT PROGRAM BETWEEN THE KOREAN INTELLECTUAL PROPERTY OFFICE (KIPO) AND THE USPTO

Application No:	13284954	Filing date:	30-OCT-2011
First Named Inventor:	Bret Contreras		
Title of the Invention:	EXERCISE APPARATUS AND METHODS OF USE		

THIS REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM ALONG WITH THE REQUIRED DOCUMENTS MUST BE SUBMITTED VIA EFS-WEB. INFORMATION REGARDING EFS-WEB IS AVAILABLE AT HTTP://WWW.USPTO.GOV/EBC/EFS_HELP.HTML

APPLICANT HEREBY REQUESTS PARTICIPATION IN THE PCT-PPH PROGRAM AND PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE PCT-PPH PROGRAM.

The above-identified application is (1) a national stage entry of the corresponding PCT application, or (2) a national stage entry of another PCT application which claims priority to the corresponding PCT application, or (3) a national application that claims domestic/ foreign priority to the corresponding PCT application, or (4) a national application which forms the basis for the priority claim in the corresponding PCT application, or (5) a continuing application of a U.S. application that satisfies one of (1) to (4) above, or (6) a U.S. application that claims domestic benefit to a U.S. provisional application which forms the basis for the priority claim in the corresponding PCT application.

The corresponding PCT application number(s) is/are: PCT/US2007/088190

The international filing date of the corresponding PCT application(s) is/are:
19-DEC-2007

I. List of Required Documents:

a. **A copy of the latest international work product (WO/ISA, WO/IPEA, or IPER) in the above–identified corresponding PCT application(s)**

☐ Is attached.

☑ Is not attached because the document is already in the U.S. application.

b. **A copy of all claims which were indicated as having novelty, inventive step and industrial applicability in the above-identified corresponding PCT application(s).**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

c. **English translations of the documents in a. and b. above are attached (if the documents are not in the English language). A statement that the English translation is accurate is attached for the document in b. above.**

This collection of information is required by 35 U.S.C. 119, 37 CFR 1.55, and 37 CFR 1.102(d). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

PTO/SB/20PCT-KR (06-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM BETWEEN THE KIPO AND THE USPTO

(continued)

Application No.:	
First Named Inventor:	Bret Contreras

d. **(1) An information disclosure statement listing the documents cited in the international work products (ISR, WO/ISA, WO/IPEA, IPER) of the corresponding PCT application.**

☐ Is attached

☑ Has already been filed in the above-identified U.S. application on 30-OCT-2011

(2) Copies of all documents (except) for U.S. patents or U.S. patent application publications)

☐ Are attached.

☑ Have already been filed in the above-identified U.S. application on 30-OCT-2011

II. Claims Correspondence Table:

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
1	58	Independent claim 1 is identical to claim 58 in the corresponding PCT application.
2-3	59-60	except for recitation of claim 1 instead of claim 58, dependent claims 2-3 are identical to claims 59-60 in the corresponding PCT application.
4	61	except for recitation of claim 3 instead of claim 60, dependent claim 4 is identical to claim 61 in the corresponding PCT application.
5	62	except for recitation of claim 4 instead of claim 61, dependent claim 5 is identical to claim 62 in the corresponding PCT application.
6	63	except for recitation of claim 3 instead of claim 60, dependent claim 6 is identical to claim 63 in the corresponding PCT application.
7	second claim 63	except for recitation of claim 3 instead of claim 60, dependent claim 7 is identical to the second claim 63 in the corresponding PCT application.
8-10	64-66	except for recitation of claim 3 instead of claim 60, dependent claims 8-10 are identical to claims 64-66 in the corresponding PCT application.
11	67	dependent claim 11 corresponds to and contains the same limitations as claim 67 in the PCT application.
12	68	dependent claim 12 corresponds to and contains the same limitations as claim 68 in the PCT application.
13	17	independent claim 13 is a method of use claim that recites an apparatus identical to the apparatus recited in claim 17 in the corresponding PCT application.
14-20	17	claims 14-20 are ultimately dependent on claim 13, which recites an apparatus identical to the apparatus recited in claim 17 in the corresponding PCT application.

III. All the claims in the US application sufficiently correspond to the patentable claims in the corresponding PCT application.

Signature /Albert Haegele/	Date 07-OCT-2011
Name (Print/Typed) Albert Haegele	Registration Number 57655

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/284,954	10/30/2011	Bret Contreras	BC-1.003	1603

36489 7590 11/18/2011

Leyendecker & Lemire, LLC
Suite 280
9137 E Mineral Circle
Centennial, CO 80112

EXAMINER	
ART UNIT	PAPER NUMBER
3764	

NOTIFICATION DATE	DELIVERY MODE
11/18/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patentdocket@coloradoiplaw.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Leyendecker & Lemire, LLC
Suite 280
9137 E Mineral Circle
Centennial CO 80112

In re Application of:
CONTRERAS, BRET et al
Serial No.: 13/284,954
Filed: 10/30/2011
Attorney Docket No. BC-1.003
Title: EXERCISE APPARATUS AND METHODS OF USE

: DECISION ON A REQUEST TO PARTICIPATE IN PATENT PCT/PROSECUTION HIGHWAY PROGRAM AND PETITION TO MAKE SPECIAL UNDER CFR 1.102(a)

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed Nov. 7, 2011 to make the above-identified application special.

The request and petition are granted.

A grantable request to participate in the PPH pilot program and petition to make special require:

(1) The U.S. application must validly claim priority under 35 U.S.C. 119(a) to one or more applications filed in the KIPO;
(2) Applicant must submit a copy of the allowable/patentable claim(s) from the KIPO application(s);
(3) All the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the KIPO application(s);
(4) Examination of the U.S. application has not begun;
(5) Applicant must submit a copy of all the office actions from each of the KIPO application(s) containing the allowable/patentable claim(s) along with an English translation thereof and a statement that the English translation is accurate; and
(6) Applicant must submit an IDS listing the documents cited by the KIPO examiner in the KIPO office action along with copies of documents except U.S. patents or U.S. patent application publications.

In light of the petition being properly submitted, the request to participate in the PPH program and the petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

The applicant is encouraged to cite and submit all relevant prior art references, if any, to facilitate examination in this application.

Other inquiries concerning the examination or status of the application should be directed to Loan Thanh, the SPE of Art Unit 3764 at 571-272-4966 for Class 482/97 and also accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

All other inquiries concerning the examination or status of the application should be directed to the Patent Application Information Retrieval (PAIR) system.

This application will be forwarded and docketed to an examiner for action on the merits commensurate with this decision. Telephone inquiries concerning this decision should be directed to Henry C. Yuen, at 571-272-4856.

The petition is **granted.**

/Henry C. Yuen/

_____

Henry C. Yuen, Special Programs Examiner
Technology Center 3700 – Mechanical Engineering,
Manufacturing and Products
571-272-4856

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 06226.0117	Application Number (if known): 13/285,096	Filing date: 10/31/2011

First Named Inventor: Masato Kamiya

Title: Lithium Ion Secondary Battery

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature Anthony M. Gutowski	Date November 10, 2011
Name (Print/Typed) Anthony M. Gutowski	Registration Number 38,742

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
Attorney Docket No. 06226.0117

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)
Masato Kamiya et al.	) Group Art Unit: Not yet assigned
Application No.: 13/285,096	) Examiner: Not yet assigned
Filed: October 31, 2011	) Confirmation No.: Not yet assigned
For: LITHIUM ION SECONDARY BATTERY	)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

STATEMENTS OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT OF THE GREEN TECHNOLOGY PILOT PROGRAM

This document provides statements of special status for the eligibility requirement of the Green Technology Pilot Program and is being submitted along with a Petition to Make Special Under the Green Technology Pilot Program.

Embodiments of the present invention recited in pending claim 1 and the pending dependent claims exhibit the effect of efficiently releasing or dissipating heat of an electrode wound body of a battery, as disclosed in the present application, e.g., at paragraph [0014]. This can prevent a decrease of battery performance caused by the heat staying in the battery, as stated in the present application, e.g., at paragraph [0003]. Therefore, **the invention materially contributes to the more efficient use and conservation of energy** in using a secondary battery.

Further, embodiments of the present invention do not need an increased weld area of a weld portion which serves as a heat transfer path. Thus, **the invention also materially contributes to the more efficient use and conservation of energy** in the manufacturing stage of a second battery.

As explained above, all claims of the present application are directed to **an invention that materially contributes to more efficient use and conservation of energy resources**. Thus, the present application meets the requirements for an application under a Green Technology Pilot Program.

Payment of an early publication fee of $ 300.00 is submitted herewith.

The Applicant respectfully requests that a favorable decision on the Petition to Make Special Under the Green Technology Pilot Program filed herewith be granted and that the application be accorded special status under the Green Technology Pilot Program.

Please charge any additional required fees to Deposit Account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: November 10, 2011

By: /Anthony M. Gutowski/
Anthony M. Gutowski
Reg. No. 38,742
571-203-2774

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/285,096	10/31/2011	Masato KAMIYA	06226.0117-00000	2083

22852 7590 01/31/2012

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER LLP
901 NEW YORK AVENUE, NW
WASHINGTON, DC 20001-4413

EXAMINER	
WILLS, MONIQUE M	
ART UNIT	PAPER NUMBER
1728	

MAIL DATE	DELIVERY MODE
01/31/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

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FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER
LLP
901 NEW YORK AVENUE, NW
WASHINGTON DC 20001-4413

JAN 3 1 2012

In re Application of	:	
Kamiya et al.	:	DECISION ON PETITION
Application No. 13/285,096	:	TO MAKE SPECIAL UNDER
Filed: 10/31/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **06226.0117-00000**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/10/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1728 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 1646-3	Application Number (if known):	Filing date: 2011-10-31

First Named Inventor: Israel Harry Zimmerman

Title: Energy-Saving Static Stirring Apparatus For Automatically Stirring A Fluid

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: See attached Statement In Support Of Petition To Make Special Under The Green Technology Pilot Program

Signature /Walter W. Duft/	Date 2011-10-31
Name (Print/Typed) Walter W. Duft	Registration Number 31948

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/285,110	10/31/2011	Israel Harry Zimmerman	1646-3	2719

44190 7590 12/15/2011

WALTER W. DUFT
LAW OFFICES OF WALTER W. DUFT
8616 MAIN ST
SUITE 2
WILLIAMSVILLE, NY 14221

EXAMINER	
ART UNIT	PAPER NUMBER
1782	

MAIL DATE	DELIVERY MODE
12/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

WALTER W. DUFT
LAW OFFICES OF WALTER W. DUFT
8616 MAIN ST
SUITE 2
WILLIAMSVILLE NY 14221

12/15/2011

In re Application of	:	
Zimmerman	:	DECISION ON PETITION
Application No. 13/285,110	:	TO MAKE SPECIAL UNDER
Filed: 10/31/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **1646-3**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 10/31/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1782 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 913RO-002100US	Application Number (if known): Unassigned	Filing date: Unassigned

First Named Inventor: Xiangchun ZHANG

Title: COMPUTER AIDED SOLID STATE BATTERY DESIGN METHOD AND MANUFACTURE OF SAME USING SELECTED COMBINATIONS OF CHARACTERISTICS

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Steve Y. Cho/	Date October 31, 2011
Name (Print/Typed) Steve Y. Cho	Registration Number 44,612

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT
Attorney Docket No.: 913RO-002100US
Client Ref. No.: S15.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Xiangchun ZHANG et al. Application No.: Unassigned Filed: Unassigned For: COMPUTER AIDED SOLID STATE BATTERY DESIGN METHOD AND MANUFACTURE OF SAME USING SELECTED COMBINATIONS OF CHARACTERISTICS Customer No.: 83275	Confirmation No. Unassigned Examiner: Unassigned Technology Center/Art Unit: Unassigned STATEMENTS OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT FOR PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby request participation in the Green Technology Pilot Program for the above-identified application, pursuant to 37 C.F.R. 1.102.

The application is a non-reissue, non-provisional utility application filed under 35 USC 111(a). As submitted herewith, the application contains no more than three independent claims, twenty or fewer total claims, and no multiple dependent claims.

Applicant believes the pending claims in the application are directed to a single invention that materially contributes to the discovery or development of renewable energy resources. The claimed invention is directed to an advanced method for designing and manufacturing a solid-state electrochemical cell for a battery device. More particularly, the pending claims provide a method and system for designing electrochemical battery cells by selecting one or more applications and then deriving design features of the electrochemical battery cells for the applications.

By filing this petition, Applicants hereby agree to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Programs if the Office determines that the claims are not obviously directed to a single invention. In addition, by filing this petition, Applicants hereby request early publication under 37 CFR 1.219. The publication fee set forth in 37 CFR 1.18(d) has been submitted with this request.

CONCLUSION

The Commissioner is authorized to charge any deficiency in any fees required under 37 C.F.R. 1.16 and/or 1.17, including extension of time fees, and credit any overpayment to Deposit Account No. 50-4713.

If a telephone conference would expedite prosecution of this application, please telephone the undersigned at 425-348-3500.

Respectfully submitted,

/Steve Y. Cho/

Steve Y. Cho
Reg. No. 44,612

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043
Tel: 425-348-3500
Fax: 425-968-9795

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/285,373	10/31/2011	Xiangchun Zhang	913RO-002100US	1034

83275 7590 12/15/2011

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043

EXAMINER	
ART UNIT	PAPER NUMBER
2121	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@ampacc.com

UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace WA 98043

12/15/2011

In re Application of :
Zhang et al. :
Application No. 13/285,373 :
Filed: 10/31/2011 :
Attorney Docket No. **913RO-002100US** :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 10/31/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1726 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 2010EM355-US2	Application Number (if known):	Filing date: October 31, 2011

First Named Inventor: Virginia M. ROBERTS, et al.

Title: HYDROTHERMAL TREATMENT OF BIOMASS WITH HETEROGENEOUS

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /W. Robinson H. Clark/	Date October 31, 2011
Name (Print/Typed) W. Robinson H. Clark	Registration Number 41,530

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of One (1) forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

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The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/285,519	10/31/2011	Virginia M. ROBERTS	2010EM355-US2	4203

27810 7590 01/31/2012

ExxonMobil Research & Engineering Company
P.O. Box 900
1545 Route 22 East
Annandale, NJ 08801-0900

EXAMINER	
ART UNIT	PAPER NUMBER
1771	

MAIL DATE	DELIVERY MODE
01/31/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

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UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
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Alexandria, VA 22313-1450
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1/31/12

ExxonMobil Research & Engineering Company
P.O. Box 900
1545 Route 22 East
Annandale NJ 08801-0900

In re Application of	:	
Roberts et al.	:	DECISION ON PETITION
Application No. 13/285,519	:	TO MAKE SPECIAL UNDER
Filed: 10/31/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **2010EM355-US2**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 10/31/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

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request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1771 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/285,621	10/31/2011	James W. Forbes	200405.00152	4423

21324 7590 03/30/2012

HAHN LOESER & PARKS, LLP
One GOJO Plaza
Suite 300
AKRON, OH 44311-1076

EXAMINER	
ART UNIT	PAPER NUMBER
3617	

NOTIFICATION DATE	DELIVERY MODE
03/30/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

patents@hahnlaw.com
akron-docket@hotmail.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

HAHN LOESER & PARKS, LLP
One GOJO Plaza
Suite 300
AKRON OH 44311-1076

Applicant: Forbes et al.
Appl. No.: 13/285,621
Filing Date: October 31, 2011
Title: RAIL ROAD HOPPER CAR RIDGE FITTINGS
Attorney Docket No.: 200405.00152
Pub. No.: US 2012/0042804 A1
Pub. Date: February 23, 2012

This is a decision on the request for republication of patent application publication under 37 CFR 1.221(a), filed on March 12, 2012, for the above-identified application.

The request under 37 CFR 1.221(a) is DISMISSED.

37 CFR 1.221(a) requires "a copy of the application in compliance with the Office electronic filing system requirements and be accompanied by the publication fee set forth in § 1.18(d) and the processing fee set forth in § 1.17(i)". If the request for republication does not comply with the electronic filing system requirements, the republication will not take place and the publication fee set forth in § 1.18(d) will be refunded. The processing fee will be retained.

The applicant did not supply a copy of the application in compliance with the Office electronic filing system, as required by 37 CFR 1.221(a) because **the applicant submitted the papers as a "Document for an existing application", which are entered into the application file, and not as a "Pre-Grant Publication" submission**. The request for republication does not comply with the electronic filing system requirements, thus republication will not take place.

Any request for republication under 37 CFR 1.221(a), must be submitted via the EFS system, as a Pre-Grant publication submission and must include a copy of the application in compliance with the Office electronic filing system requirements. The applicant is directed to the following website for additional instructions on how to submit a Pre-Grant Publication submission via the electronic filing system:

http://www.uspto.gov/ebc/portal/efs/pgpub_quickstart.pdf

Any questions or requests for reconsideration of the decision should be addressed as follows:

By mail to: Mail Stop PGPUB
Commissioner for Patents
P.O. Box 1450
Alexandria, Va. 22313-1450

By facsimile: 571-273-8300

Telephone inquiries regarding this correspondence should be directed to The Office of Data Management at 571-272-4200.

Tammy J. Koontz
Office of Data Management
United States Patent & Trademark Office

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 2010EM387-US2	Application Number (if known):	Filing date: October 31, 2011

First Named Inventor: Mark A. GREANEY, et al.

Title: PROCESS FOR SEPARATING SOLUTE MATERIAL FROM AN ALGAL CELL FEED STREAM

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /W. Robinson H. Clark/	Date October 31, 2011
Name (Print/Typed) W. Robinson H. Clark	Registration Number 41,530

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of One (1) forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/285,834	10/31/2011	Mark A. Greaney	2010EM387-US2	9266

27810 7590 12/14/2011

ExxonMobil Research & Engineering Company
P.O. Box 900
1545 Route 22 East
Annandale, NJ 08801-0900

EXAMINER	
ART UNIT	PAPER NUMBER
1778	

MAIL DATE	DELIVERY MODE
12/14/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
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ExxonMobil Research & Engineering Company
P.O. Box 900
1545 Route 22 East
Annandale NJ 08801-0900

12/14/2011

In re Application of	:	
Greaney et al.	:	DECISION ON PETITION
Application No. 13/285,834	:	TO MAKE SPECIAL UNDER
Filed: 10/31/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **2010EM387-US2**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 10/31/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1778 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 134395-010200/US	Application Number (if known):	Filing date: October 31, 2011
First Named Inventor: Curt R. Fischer		
Title: "Methods and Systems for Chemoautotrophic Production of Organic Compounds"		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Jennifer A. Camacho, Reg. No. 43,526/	Date October 31, 2011
Name (Print/Typed) Jennifer A. Camacho	Registration Number 43,526

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature see below*.*

☐ *Total of ..... forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/285,919	10/31/2011	CURT R. FISCHER	134395-010200/US	6120

35893 7590 12/12/2011

GREENBERG TRAURIG (BOS)
ONE INTERNATIONAL PLACE, 20th FL
ATTN: PATENT ADMINISTRATOR
BOSTON, MA 02110

EXAMINER	
ART UNIT	PAPER NUMBER
1652	

NOTIFICATION DATE	DELIVERY MODE
12/12/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication. .

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

BosIpMail@gtlaw.com
cadanoc@gtlaw.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

DEC 12 2011

GREENBERG TRAURIG (BOS)
ONE INTERNATIONAL PLACE, 20th FL
ATTN: PATENT ADMINISTRATOR
BOSTON MA 02110

In re Application of :

FISCHER, Curt et al.	:	DECISION ON PETITION
Application No. 13/285919	:	TO MAKE SPECIAL UNDER
Filed: October 31, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 134395-010200/US	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed October 31, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Manjunath Rao at 571-272-0939.

The application is being forwarded to the Technology Center Art Unit 1652 for action on the merits commensurate with this decision.

/Manjunath Rao/

Manjunath Rao
Supervisory Patent Examiner &
POC for TC 1600 Green Tech Petitions
Technology Center 1600

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
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ROBERTS MLOTKOWSKI SAFRAN & COLE, P.C.
INTELLECTUAL PROPERTY DEPARTMENT
P.O. BOX 10064
MCLEAN, VA 22102-8064

MAILED

NOV 15 2011

OFFICE OF PETITIONS

In re Application of :
James Paul O'Sullivan, Sr. :
Application No. 13/286,129 : DECISION ON PETITION
Filed: October 31, 2011 : TO MAKE SPECIAL UNDER
Attorney Docket No. 40085-20000 : 37.CFR 1.102(c)(1)
:

This is a decision on the petition under 37 CFR 1.102(c)(1), filed October 31, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED.**

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required.

The instant petition includes a statement from a registered practitioner that he has evidence that inventor James Paul O'Sullivan, Sr. is over 65 years of age. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Irvin Dingle at 571-272-3210. All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

This matter is being referred to the Office of Patent Application Processing.

Irvin Dingle
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	23431-82323	Application Number (if known):	13/286,463	Filing date: November 1, 2011

First Named Inventor: Chin-Yao Tsai

Title: THIN FILM SOLAR CELL AND MANUFACTURING METHOD THEREOF

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: STATEMENT OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT

Signature	/Tim Tingkang Xia/	Date	November 1, 2011
Name (Print/Typed)	Tim Tingkang Xia	Registration Number	45,242

***Note**: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms if more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Chin-Yao Tsai	Examiner:	Unassigned
Serial No.:	13/286,463	Group Art Unit:	Unassigned
Filed:	November 1, 2011	Docket:	23431-82323

Title: THIN FILM SOLAR CELL AND MANUFACTURING METHOD THEREOF

STATEMENT OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT

Mail Stop: Petition
Commissioner of Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

November 1, 2011

CUSTOMER NO. 24728

Dear Sir/Madam:

This Statement of Special Status for the Eligibility Requirement is filed pursuant to the requirements listed in PTO/SB/420, filed herewith, and pursuant to the requirements of 74 Fed. Reg. 64,666 (Dec. 8, 2009), as amended by 75 Fed. Reg. 28,554 (May 21, 2010), and 75 Fed. Reg. 69,049 (November 10, 2010).

A basis for the special status is that aspects of the invention relate to ***thin film solar cells*** that ***materially contribute to the discovery or development of renewable energy resources***. Applicant respectfully submits that it is clear on the above-referenced application's face that the claimed invention materially contributes to ***the discovery or development of renewable energy resources***, so no statement is required explaining how the materiality standard is met.

The above-referenced application is a non-reissue, non-provisional utility application filed November 1, 2011 under 35 U.S.C. § 111(a), which is a divisional patent application of US patent application No. 13/049,688. The application contains no more than three (3) independent claims and twenty (20) total claims. The application does not contain any multiple dependent claims. Further, applicant respectfully submits that the claims of the application are directed to a single invention of a solar cell and manufacturing method thereof. However, if the USPTO

determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant agrees to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements.

A first Office action (including an Office action containing only a restriction requirement) has not yet appeared in the Patent Application Information Retrieval (PAIR) system.

A request for early publication of the present application in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) are concurrently accompanied herewith this petition.

It is believed that no fee is due. However, the Commissioner is hereby authorized to charge any petition fee under 37 CFR 1.102, and any deficiency of fees which may be required, or to credit of any overpayments to Deposit Account No. 50-3537.

The Applicant respectfully requests that a favorable decision on this Petition to Make Special Under the Green Technology Pilot Program be granted and the application be accorded special status under the Green Technology Pilot Program.

Respectfully submitted,

MORRIS, MANNING & MARTIN, LLP

November 1, 2011

Tim Tingkang Xia
Attorney for Applicant on the Record
Reg. No. 45,242

1600 Atlanta Financial Center
3343 Peachtree Road, N.E.
Atlanta, Georgia 30326-1044
Phone: 404-233-7000
Direct: 404-495-3678
Customer No. 24728

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/286,463	11/01/2011	Chin-Yao Tsai	23431-82323	5535

24728 7590 12/15/2011

MORRIS MANNING MARTIN LLP
3343 PEACHTREE ROAD, NE
1600 ATLANTA FINANCIAL CENTER
ATLANTA, GA 30326

EXAMINER	
ART UNIT	PAPER NUMBER
1725	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@mmmlaw.com
ppz@mmmlaw.com
jlsmith@mmmlaw.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

MORRIS MANNING MARTIN LLP
3343 PEACHTREE ROAD, NE
1600 ATLANTA FINANCIAL CENTER
ATLANTA GA 30326

12/15/2011

In re Application of	:	
Tsai	:	DECISION ON PETITION
Application No. 13/286,463	:	TO MAKE SPECIAL UNDER
Filed: 11/1/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **23431-82323**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/1/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1725 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Decision Date : March 26, 2012

In re Application of :

Eugene Livsics

Application No : 13286745

Filed : 01-Nov-2011

Attorney Docket No : 91891-822633 (000810US)

DECISION ON REQUEST TO WITHDRAW AS ATTORNEY/AGENTOF RECORD

This is an electronic decision on the Request to Withdraw as attorney or agent of record under 37 CFR § 1.36(b), filed March 26, 2012

The request is **APPROVED.**

The request was signed by Richard Meyer (registration no. 32541) on behalf of all attorneys/agents associated with Customer Number 20350 . All attorneys/agents associated with Cusotmer Number 20350 have been withdrawn.

Since there are no remaining attorneys of record, all future communications from the Office will be directed to the first named inventor or assignee that has properly made itself of record pursuant to 37 CFR 3.71, with correspondence address:

Name Shared Spectrum Company

Name2

Address 1 1595 Spring Hill Road, Suite 700

Address 2

City Vienna

State VA

Postal Code 22182

Country US

As a reminder, requester is required to inform the first named inventor or assignee that has properly made itself of record pursuant to 37 CFR 3.71 of the electronically processed petition.

Telephone inquiries concerning this decision should be directed to the Patent Electronic Business Center (EBC) at 866-217-9197.

Office of Petitions

Doc Code: PET.AUTO **Document Description: Petition automatically granted by EFS-Web**	PTO/SB/83 U.S. Patent and Trademark Office Department of Commerce

Electronic Petition Request	**REQUEST FOR WITHDRAWAL AS ATTORNEY OR AGENT AND CHANGE OF CORRESPONDENCE ADDRESS**
Application Number	13286745
Filing Date	01-Nov-2011
First Named Inventor	Eugene Livsics
Art Unit	2432
Examiner Name	GILBERTO BARRON JR
Attorney Docket Number	91891-822633 (000810US)
Title	METHODS FOR DETECTING AND CLASSIFYING SIGNALS TRANSMITTED OVER A RADIO FREQUENCY SPECTRUM

◉ Please withdraw me as attorney or agent for the above identified patent application and the practitioners of record associated with Customer Number: 20350

The reason(s) for this request are those described in 37 CFR:

10.40(b)(4)

Certifications

☒ I/We have given reasonable notice to the client, prior to the expiration of the response period, that the practitioner(s) intend to withdraw from employment

☒ I/We have delivered to the client or a duly authorized representative of the client all papers and property (including funds) to which the client is entitled

☒ I/We have notified the client of any responses that may be due and the time frame within which the client must respond

Change the correspondence address and direct all future correspondence to the first named inventor or assignee that has properly made itself of record pursuant to 37 CFR 3.71:

Name	Shared Spectrum Company
Address	1595 Spring Hill Road, Suite 700
City	Vienna
State	VA
Postal Code	22182
Country	US

I am authorized to sign on behalf of myself and all withdrawing practitioners.	
Signature	/Richard S. Meyer/
Name	Richard Meyer
Registration Number	32541

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	2204819.00142US1	Application Number (if known):	Not Yet Assigned	Filing date:	Concurrently Herewith
First Named Inventor:	Aniket KALE				
Title:	EXTRACTION OF POLAR LIPIDS BY A TWO SOLVENT METHOD				

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments:

Signature	/Nishat A. Shaikh/	Date	November 1, 2011
Name (Print/Typed)	Nishat Shaikh	Registration Number	66,183

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms if more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

Docket No.: 2204819.00142US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	KALE, Aniket	Confirmation No.:	TBD
Application No.:	TBD	Art Unit:	TBD
Filed:	November 1, 2011	Examiner:	TBD
Title:	EXTRACTION OF POLAR LIPIDS BY A TWO-SOLVENT METHOD		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Statements of Special Status for the Eligibility Requirement

for the Green Technology Pilot Program

Dear Sir:

Applicants herewith file a Petition to Make Special Under the Green Technology Pilot Program (PTO/SB/420). Applicants respectfully submit that the claimed invention materially contributes to the discovery or development of renewable energy resources by providing, in at least one embodiment, biofuels produced by extracting neutral lipids and coproducts (e.g., polar lipids) of varying polarity from a wet oleaginous material, such as algae. Algae and other green plants convert carbon dioxide to carbon chains that can be used to generate biofuels. In at least one embodiment, the carbon dioxide is industrial waste that is diverted to grow the algae, thereby contributing to the reduction of carbon dioxide, a greenhouse gas, in the atmosphere. These products can be used as clean, renewable sources of surfactants, animal feed products and human food products. By-products of the process may be utilized as biofuel feedstock, amongst other applications. As such, the claimed invention should be classified under Art Unit 1771 or 1772.

Applicants enclose herewith the publication fee of $300, pursuant to 37 CFR 1.18(d). No other fees are believed due with this submission, however the Director is hereby authorized to

charge any additional fees or apply any overages to our Deposit Account No. 08-0219, under Order No. 2204819.00142US1, from which the undersigned is authorized to draw.

Applicants respectfully request the grant of the Petition filed herewith and a favorable and prompt decision regarding the present application. The Examiner is invited to telephone the undersigned at (617) 526-6613 if a phone conference may help advance prosecution.

Respectfully submitted,

Dated: November 1, 2011

/ Nishat A. Shaikh/
Nishat A. Shaikh
Registration No.: 66,183
Attorney for Applicant(s)

Wilmer Cutler Pickering Hale and Dorr LLP
60 State Street
Boston, Massachusetts 02109
(617) 526-6000 (telephone)
(617) 526-5000 (facsimile)

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/286,889	11/01/2011	Aniket Kale	2204819.00142US1	5404

23483 7590 12/15/2011
WILMERHALE/BOSTON
60 STATE STREET
BOSTON, MA 02109

EXAMINER	
DRODGE, JOSEPH W	

ART UNIT	PAPER NUMBER
1778	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

teresa.carvalho@wilmerhale.com
whipusptopairs@wilmerhale.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

12/15/2011

WILMERHALE/BOSTON
60 STATE STREET
BOSTON MA 02109

In re Application of :
Kale :
Application No. 13/286,889 :
Filed: 11/1/2011 :
Attorney Docket No. **2204819.00142US1** :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/1/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1778 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	2204819.00143US1	Application Number (if known):	Not Yet Assigned	Filing date: Concurrently Herewith
First Named Inventor:	Aniket KALE			
Title:	EXTRACTION OF PROTEINS BY A TWO SOLVENT METHOD			

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments:

Signature	/Nishat A. Shaikh/	Date	November 1, 2011
Name (Print/Typed)	Nishat Shaikh	Registration Number	66,183

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms if more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

Docket No.: 2204819.00143US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	KALE, Aniket	Confirmation No.:	TBD
Application No.:	TBD	Art Unit:	TBD
Filed:	November 1, 2011	Examiner:	TBD
Title:	EXTRACTION OF PROTEINS BY A TWO SOLVENT METHOD		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Statements of Special Status for the Eligibility Requirement

for the Green Technology Pilot Program

Dear Sir:

Applicants herewith file a Petition to Make Special Under the Green Technology Pilot Program (PTO/SB/420). Applicants respectfully submit that the claimed invention materially contributes to the discovery or development of renewable energy resources by providing, in at least one embodiment, biofuels produced by extracting neutral lipids and coproducts (e.g., proteins) of varying polarity from a wet oleaginous material, such as algae. Algae and other green plants convert carbon dioxide to carbon chains that can be used to generate biofuels. In at least one embodiment, the carbon dioxide is industrial waste that is diverted to grow the algae, thereby contributing to the reduction of carbon dioxide, a greenhouse gas, in the atmosphere. These products can be used as clean, renewable sources of human and animal feed products, and nutritional supplements. By-products of the process may be utilized as biofuel feedstock, amongst other applications. As such, the claimed invention should be classified under Art Unit 1771 or 1772.

Docket No.: 2204819.00143US1

Applicants enclose herewith the publication fee of $300, pursuant to 37 CFR 1.18(d). No other fees are believed due with this submission, however the Director is hereby authorized to charge any additional fees or apply any overages to our Deposit Account No. 08-0219, under Order No. 2204819.00143US1, from which the undersigned is authorized to draw.

Applicants respectfully request the grant of the Petition filed herewith and a favorable and prompt decision regarding the present application. The Examiner is invited to telephone the undersigned at (617) 526-6613 if a phone conference may help advance prosecution.

Respectfully submitted,

Dated: November 1, 2011

/Nishat A. Shaikh/
Nishat A. Shaikh
Registration No.: 66,183
Attorney for Applicant(s)

Wilmer Cutler Pickering Hale and Dorr LLP
60 State Street
Boston, Massachusetts 02109
(617) 526-6000 (telephone)
(617) 526-5000 (facsimile)

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/286,904	11/01/2011	Aniket Kale	2204819.00143US1	2875

23483 7590 12/15/2011
WILMERHALE/BOSTON
60 STATE STREET
BOSTON, MA 02109

EXAMINER	
DRODGE, JOSEPH W	

ART UNIT	PAPER NUMBER
1778	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

teresa.carvalho@wilmerhale.com
whipusptopairs@wilmerhale.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

12/15/2011

WILMERHALE/BOSTON
60 STATE STREET
BOSTON MA 02109

In re Application of :
Kale :
Application No. 13/286,904 :
Filed: 11/1/2011 :
Attorney Docket No. **2204819.00143US1** :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/1/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1778 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	2204819.00144US1	Application Number (if known):	Not Yet Assigned	Filing date:	Concurrently Herewith
First Named Inventor:	Aniket KALE				
Title:	EXTRACTION OF NEUTRAL LIPIDS BY A TWO SOLVENT METHOD				

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments:

Signature	/Nishat A. Shaikh/	Date	November 1, 2011
Name (Print/Typed)	Nishat Shaikh	Registration Number	66,183

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms if more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

Docket No.: 2204819.00144US1
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	KALE, Aniket	Confirmation No.:	TBD
Application No.:	TBD	Art Unit:	TBD
Filed:	November 1, 2011	Examiner:	TBD
Title:	EXTRACTION OF NEUTRAL LIPIDS BY A TWO SOLVENT METHOD		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Statements of Special Status for the Eligibility Requirement

for the Green Technology Pilot Program

Dear Sir:

Applicants herewith file a Petition to Make Special Under the Green Technology Pilot Program (PTO/SB/420). Applicants respectfully submit that the claimed invention materially contributes to the discovery or development of renewable energy resources by providing, in at least one embodiment, biofuels produced by extracting neutral lipids and coproducts (e.g., polara lipids, carotenoids, and proteins) of varying polarity from a wet oleaginous material, such as algae. Algae and other green plants convert carbon dioxide to carbon chains that can be used to generate biofuels. In at least one embodiment, the carbon dioxide is industrial waste that is diverted to grow the algae, thereby contributing to the reduction of carbon dioxide, a greenhouse gas, in the atmosphere. These products can be used as clean, renewable sources of human and animal feed products, nutritional supplements, and biofuel feedstocks. By-products of the process may be utilized to make diesel, jet fuel, and kerosene, amongst other applications. As such, the claimed invention should be classified under Art Unit 1771 or 1772.

Docket No.: 2204819.00144US1

Applicants enclose herewith the publication fee of $300, pursuant to 37 CFR 1.18(d). No other fees are believed due with this submission, however the Director is hereby authorized to charge any additional fees or apply any overages to our Deposit Account No. 08-0219, under Order No. 2204819.00144US1, from which the undersigned is authorized to draw.

Applicants respectfully request the grant of the Petition filed herewith and a favorable and prompt decision regarding the present application. The Examiner is invited to telephone the undersigned at (617) 526-6613 if a phone conference may help advance prosecution.

Respectfully submitted,

Dated: November 1, 2011

/Nishat A. Shaikh/
Nishat A. Shaikh
Registration No.: 66,183
Attorney for Applicant(s)

Wilmer Cutler Pickering Hale and Dorr LLP
60 State Street
Boston, Massachusetts 02109
(617) 526-6000 (telephone)
(617) 526-5000 (facsimile)

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/286,910	11/01/2011	Aniket Kale	2204819.00144US1	5451

23483 7590 12/15/2011
WILMERHALE/BOSTON
60 STATE STREET
BOSTON, MA 02109

EXAMINER	
ART UNIT	PAPER NUMBER
1778	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

teresa.carvalho@wilmerhale.com
whipusptopairs@wilmerhale.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

12/13/2011

WILMERHALE/BOSTON
60 STATE STREET
BOSTON MA 02109

In re Application of	:	
Kale	:	DECISION ON PETITION
Application No. 13/286,910	:	TO MAKE SPECIAL UNDER
Filed: 11/1/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **2204819.00144US1**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/1/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

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The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1778 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 2011P15168US	Application Number (if known): 13/287,249	Filing date: 11/02/11

First Named Inventor: Drew Eisenberg

Title: SECONDARY AIRFOIL MOUNTED ON STALL FENCE ON WIND TURBINE BLADE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement of Special Status for Eligibility in Green Technology Pilot Program

Signature	Date Nov. 18, 2011
Name (Print/Typed) W. David Sartor	Registration Number 50,560

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/287,249	11/02/2011	Drew Eisenberg	2011P15168US	8290

28524 7590 12/07/2011

SIEMENS CORPORATION
INTELLECTUAL PROPERTY DEPARTMENT
170 WOOD AVENUE SOUTH
ISELIN, NJ 08830

EXAMINER	
ART UNIT	PAPER NUMBER
3745	

MAIL DATE	DELIVERY MODE
12/07/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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SIEMENS CORPORATION
INTELLECTUAL PROPERTY DEPARTMENT
170 WOOD AVENUE SOUTH
ISELIN NJ 08830

In re Application of
EISENBERG, DREW
Application No. 13/287,249
Filed: November 2, 2011
Attorney Docket No. 2011P15168US

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed November 18, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **granted**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

If reconsideration of this decision is desired, a petition for reconsideration must be filed within ONE (1) MONTH OR THIRTY (30) DAYS from the mail date of this decision, whichever is longer. No extension of this time limit can be granted under 37 CFR 1.136(a) or (b). The petition for reconsideration should include an exhaustive attempt to provide the lacking item(s) noted below, since, after a decision on the petition for reconsideration, no further reconsideration or review of the matter will be undertaken by the Director.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by

a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Henry C. Yuen at 571-272-4856.

This application will be forwarded to the Technology Center Art Unit 3745 for action on the merits commensurate with this decision.

/Henry C. Yuen/

Henry C. Yuen
Quality Assurance Specialist
Technology Center TC 3700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
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PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	22194-82332	Application Number (if known):	13/287,325	Filing date: November 2, 2011

First Named Inventor: Chin-Yao Tsai

Title: THIN FILM SOLAR CELL AND MANUFACTURING METHOD THEREOF

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: STATEMENT OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT

Signature	/Tim Tingkang Xia/	Date	November 2, 2011
Name (Print/Typed)	Tim Tingkang Xia	Registration Number	45,242

***Note**: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms if more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

S/N 13/287,325

PATENT
Confirmation No.: 9377

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Chin-Yao Tsai	Examiner:	Unassigned
Serial No.:	13/287,325	Group Art Unit:	Unassigned
Filed:	November 2, 2011	Docket:	22194-82332

Title: THIN-FILM SOLAR CELL AND MANUFACTURING METHOD THEREOF

STATEMENT OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT

Mail Stop: Petition
Commissioner of Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

November 2, 2011

CUSTOMER NO. 24728

Dear Sir/Madam:

This Statement of Special Status for the Eligibility Requirement is filed pursuant to the requirements listed in PTO/SB/420, filed herewith, and pursuant to the requirements of 74 Fed. Reg. 64,666 (Dec. 8, 2009), as amended by 75 Fed. Reg. 28,554 (May 21, 2010), and 75 Fed. Reg. 69,049 (November 10, 2010).

A basis for the special status is that aspects of the invention relate to ***thin film solar cells*** that ***materially contribute to the discovery or development of renewable energy resources***. Applicant respectfully submits that it is clear on the above-referenced application's face that the claimed invention materially contributes to ***the discovery or development of renewable energy resources***, so no statement is required explaining how the materiality standard is met.

The above-referenced application is a non-reissue, non-provisional utility application filed November 2, 2011 under 35 U.S.C. § 111(a), which is a divisional patent application of US patent application No. 13/038,536. The application contains no more than three (3) independent claims and twenty (20) total claims. The application does not contain any multiple dependent claims. Further, applicant respectfully submits that the claims of the application are directed to a single invention of a solar cell and manufacturing method thereof. However, if the USPTO

determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant agrees to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements.

A first Office action (including an Office action containing only a restriction requirement) has not yet appeared in the Patent Application Information Retrieval (PAIR) system.

A request for early publication of the present application in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) are concurrently accompanied herewith this petition.

It is believed that no fee is due. However, the Commissioner is hereby authorized to charge any petition fee under 37 CFR 1.102, and any deficiency of fees which may be required, or to credit of any overpayments to Deposit Account No. 50-3537.

The Applicant respectfully requests that a favorable decision on this Petition to Make Special Under the Green Technology Pilot Program be granted and the application be accorded special status under the Green Technology Pilot Program.

Respectfully submitted,

MORRIS, MANNING & MARTIN, LLP

November 2, 2011

Tim Tingkang Xia
Attorney for Applicant on the Record
Reg. No. 45,242

1600 Atlanta Financial Center
3343 Peachtree Road, N.E.
Atlanta, Georgia 30326-1044
Phone: 404-233-7000
Direct: 404-495-3678
Customer No. 24728

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/287,325	11/02/2011	Chin-Yao Tsai	22194-82332	9377

24728 7590 12/15/2011
MORRIS MANNING MARTIN LLP
3343 PEACHTREE ROAD, NE
1600 ATLANTA FINANCIAL CENTER
ATLANTA, GA 30326

EXAMINER	
AYAD, TAMIR	

ART UNIT	PAPER NUMBER
1725	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ipdocket@mmmlaw.com
ppz@mmmlaw.com
jlsmith@mmmlaw.com

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MORRIS MANNING MARTIN LLP
3343 PEACHTREE ROAD, NE
1600 ATLANTA FINANCIAL CENTER
ATLANTA GA 30326

12/15/2011

In re Application of	:	
Tsai	:	DECISION ON PETITION
Application No. 13/287,325	:	TO MAKE SPECIAL UNDER
Filed: 11/2/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **22194-82332**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/2/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1725 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

In re Application of
David M. Goldenberg

Application No. 13287395

Filed: November 2,2011

Attorney Docket No. IMM301US8

:
:
:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)
:

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 31-JAN-2012 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13287395	Confirmation Number	8928	Filing Date	2011-11-02
Attorney Docket Number (optional)	IMM301US8	Art Unit	1644	Examiner	Ouspenski, Ilia I
First Named Inventor	David M. Goldenberg				
Title of Invention	Mammalian Cell Lines for Increasing Longevity and Protein Yield from a Cell Culture				

Attention: Office of Petitions

An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
David	M.	Goldenberg	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

● (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Richard A. Nakashima/	Date (YYYY-MM-DD)	2012-01-31
Name	Richard A. Nakashima	Registration Number	42023

PTO/SB/130 (07-09)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/287,573	11/02/2011	Alastair Hugh SERVANTE	1021-073 CONT	9509

38598 7590 12/08/2011

ANDREWS KURTH LLP
1350 I STREET, N.W.
SUITE 1100
WASHINGTON, DC 20005

EXAMINER	
WALSHON, SCOTT R	
ART UNIT	PAPER NUMBER
1788	

NOTIFICATION DATE	DELIVERY MODE
12/08/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

PTODC@andrewskurth.com

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Commissioner for Patents
United States Patent and Trademark Office
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Alexandria, VA 22313-1450
www.uspto.gov

12/8/2011

CST

In re application of :
Alastair Hugh Servante et al :
Serial No. 13/287,573 : DECISION ON PETITION
Filed: November 2, 2011 : TO MAKE SPECIAL
For: PRINTABLE COATING :

This is a decision on the petition filed on November 2, 2011 to make the above-identified application special under the accelerated examination program.

The petition to make the application special is **DISMISSED.**

REGULATION AND PRACTICE

A grantable petition to make special under 37 C.F.R. § 1.102(d) and pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published in the Federal Register on June 26, 2006 (71 Fed. Reg. 36323), must satisfy the following conditions:

I. Conditions Regarding the Application:

1. the application must be a non-reissue utility or design application filed under 37 CFR 1.111(a);

2. the application, the petition and the required fees must be filed electronically using the USPTO's electronic filing system (EFS), or EFS-web; if not filed electronically, a statement asserting that EFS and EFS-web were not available during the normal business hours;

3. at the time of filing, the application must be complete under 37 CFR 1.51 and in condition for examination;

4. the application must contain three or fewer independent claims and twenty or fewer total claims and the claims must be directed to a single invention.

II. Conditions Regarding the Petition:

The petition must:

1. be filed with the application;

2. include a statement that applicant agrees not to separately argue the patentability of any dependent claim during any appeal in the application;

3. include a statement that applicant agrees to make an election without traverse in a telephone interview;

4. include a statement that applicant agrees to conduct such an interview when requested by the examiner;

5. include a statement, made based on a good faith belief, that a preexamination search in compliance with the following requirements, was conducted, including an identification of the field of search by United States class and subclass, where applicable, and for database searches, the search logic or chemical structure or sequence used as a query, the name of the file(s) searched and the database service, and the date of the search.

The preexamination search must:

5.1 involve U.S. patents and patent application publications, foreign patent documents, and non-patent literature, unless the applicant can justify with reasonable certainty that no references more pertinent than those already identified are likely to be found in the eliminated sources and includes such a justification with this statement;

5.2. be directed to the claimed invention and encompass all of the features of the claims, giving the claims the broadest reasonable interpretation;

5.3. encompass the disclosed features that may be claimed.

6. must provide in support of the petition an accelerated examination support document.

An accelerated examination support document must include:

6.1. an information disclosure statement (IDS) in compliance with 37 CFR 1.98 citing each reference deemed most closely related to the subject matter of each of the claims;

6.2. an identification of all the limitations in the claims that are disclosed by the reference specifying where the limitation is disclosed in the cited reference;

6.3. a detailed explanation of how each of the claims are patentable over the references cited with particularity required by 37 CFR 1.111(b) and (c);

6.4. a concise statement of the utility of the invention as defined in each of the independent claims (unless the application is a design application);

6.5. a showing of where each limitation of the claims finds support under 35 USC 112, first paragraph, in the written description of the specification. If applicable, the showing must also identify: (1) each means- (or step) plus-function claim element that invokes consideration under 35 USC 112, sixth paragraph; and (2) the structure, material, or acts in the specification that corresponds to each means- (or step) plus-function claim element that invokes consideration under 35 USC 112, sixth paragraph; if the application claims the benefit of one or more applications under title 35, United States Code, the showing must also include where each limitation of the claims finds support under 35 USC 112, first paragraph, in each such application in which such supports exists;

6.6. an identification of any cited references that may be disqualified under 35 USC 103(c).

REVIEW OF FACTS

The conditions regarding the application (section I, subsections 1-4) discussed above are considered to have been met. Additionally, the conditions regarding the petition, section II, subsections 1-4 and 6, are considered to have been met. However, the petition fails to comply with condition II, subsection 5.

It appears that the search is incomplete. Note that a search in Class 428/subclass 343 and 354 is also required.

DECISION

For the above-stated reasons, the petition is dismissed. The application will therefore be taken up by the examiner in its regular turn.

Petitioner is given a single opportunity to perfect the petition. Any request for reconsideration of this decision must be submitted within 1 (one) month or 30 (thirty) days, whichever is longer, (no extension of time under 37 CFR 1.136(a)) from the date of this decision in order to be considered timely. Any request for reconsideration must address the deficiencies indicated above.

Petitioner is reminded that, upon granting of the special status of the application on request for reconsideration, the application will be processed expeditiously. However, due to the dismissal of the instant petition, examination may not be completed within twelve months of the filing date of the application.

Any inquiry regarding this decision should be directed to Christine Tierney, Quality Assurance Specialist, at (571) 272-1055.

/Christine Tierney/

Christine Tierney
Quality Assurance Specialist
Technology Center 1700

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/287,573	11/02/2011	Alastair Hugh SERVANTE	1021-073 CONT	9509

38598 7590 01/05/2012

ANDREWS KURTH LLP
1350 I STREET, N.W.
SUITE 1100
WASHINGTON, DC 20005

EXAMINER	
WALSHON, SCOTT R	
ART UNIT	PAPER NUMBER
1788	

NOTIFICATION DATE	DELIVERY MODE
01/05/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

PTODC@andrewskurth.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

1/5/12

CST

In re application of
Alastair Hugh Servante et al
Serial No. 13/287,573
Filed: November 2, 2011
For: PRINTABLE COATING

DECISION ON PETITION
TO MAKE SPECIAL

This is a decision on the Request for Reconsideration of Petition to Make Special under the Accelerated Examination Program filed on December 22, 2011 to make the above-identified application special.

The petition to make the application special is **GRANTED.**

The application is eligible for accelerated examination and the petition complies with the conditions for granting the application special status pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published June 26, 2006, in the Federal Register. (71 Fed. Reg. 36323).

The prosecution of the instant application will be conducted expeditiously according to the following guidelines.

1. The application will be docketed to an examiner and taken up for action within two weeks of the date of this decision.

2. Restriction Practice:
If the examiner determines that the claims are not directed to a single invention, a telephone request to elect one single invention will be made pursuant to MPEP 812.01. As a prerequisite to the grant of this petition, the applicant has agreed to make an oral election, by telephone, without traverse. If the applicant refuses to make an election without traverse, or the examiner cannot reach the applicant after a reasonable effort, the examiner will treat the first claimed invention (invention defined by claim 1) as having being constructively elected without traverse for examination.

3. Office action:
   If it is determined that, after appropriate consultation, there is a potential rejection or any other issue to be addressed, the examiner will telephone the applicant and arrange an interview to discuss and resolve the issue. An Office action, other than a Notice of Allowance and Fee(s) Due (Notice of Allowance), will not be issued unless either: 1) an interview was conducted but did not result in agreed to action that places the application in condition for allowance, or, 2) a determination is made that an interview would be unlikely to result in the application being placed in condition for allowance, and 3) an internal conference has been held to review any rejection of any claim.

4. Time for Reply:
   An Office action other than a Notice of Allowance or a final Office action will set a shortened statutory period of one month or thirty days, whichever is longer, for reply with no extension of time available under 37 CFR 1.136(a). Failure to timely file a reply within this non-extendible period for reply will result in the abandonment of the application.

5. Reply by Applicant:
   A timely reply to an Office action other than the Notice of Allowance must be submitted electronically via EFS or EFS-web and limited to addressing the rejections, objections and requirement made. Any amendment that attempts to: 1) add claims which would result in more than three pending independent claims or more than twenty pending total claims; 2) present claims not encompassed by the pre-examination search or an updated accelerated examination support document; or 3) present claims that are directed a non-elected invention or an invention other than that previously claimed and examined in the application, will be treated as not fully responsive and will not be entered.

   For any amendment to the claims (including any new claim) that is not encompassed by the accelerated examination support document, applicant must provide an updated accelerated examination support document that encompasses the amended or new claims at the time of filing of the amendment.

   To proceed expeditiously with the examination, it is recommended that a reply with amendments made to any claim or with any new claim being added be accompanied by an updated accelerated examination support document or a statement explaining how the amended or new claim is supported by the original accelerated examination support document.

6. Information Disclosure Statement (IDS):
   Any IDS filed during prosecution must be submitted electronically via EFS or EFS-web, accompanied by an updated accelerated examination support document, and be in compliance with 37 CFR 1.97 and 1.98.

7. Post-Allowance Processing:
   To expedite processing of the allowed application into a patent, the applicant must: 1) pay the required fees within one month of the date of the Notice of Allowance, and 2) not file any post allowance papers not required by the Office. In no event may the issue fee be paid and accepted later than three months from the date of the Notice of Allowance.

8. After-Final and Appeal Procedures:
   To expedite prosecution, after receiving the final Office action, applicant must: 1) promptly file a notice of appeal, an appeal brief and appeal fees; and 2) not request a pre-appeal brief conference.

   Any amendment, affidavit or other evidence filed after final Office action must comply with applicable rules and the requirements outlined in numbered paragraphs 5 and 6 above.

   On appeal, the application will proceed according to normal appeal procedures. After appeal, the application will again be treated special.

9. Proceedings Outside the Normal Examination Process:
   If the application becomes involved in a proceeding that is outside the normal examination process (e.g., a secrecy order, national security review, interference proceeding, petitions under 37 CFR 1.181, 182 or 183), the application will be treated special before and after such proceeding.

10. Final Disposition:
    The twelve month goal of this accelerated examination procedure ends with a final disposition. The mailing of a final Office action, a Notice of Allowance, the filing of a Notice of Appeal, or the filing of a Request for Continued Examination (RCE) is the final disposition.

If, during prosecution, a paper is not filed electronically using EFS-web, a reply is filed but is not fully responsive, the application is involved in an appeal, or a proceeding outside normal examination process, the application will still be examined expeditiously, however, the final disposition may occur more than twelve months from the filing of the application.

Any inquiry regarding this decision should be directed to Christine Tierney, Quality Assurance Specialist, at (571) 272-1055.

/Christine Tierney/

Christine Tierney
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 5188-0099	Application Number (if known):	Filing date: November 2, 2011

First Named Inventor: Tae Young CHOI

Title: LIGHTING DEVICE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Yoon S. Ham/	Date November 2, 2011
Name (Print/Typed) Yoon S. Ham	Registration Number 45,307

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/287,631	11/02/2011	Tae Young CHOI	5188-0099	1084

22429 7590 01/11/2012

LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA, VA 22314

EXAMINER	
ART UNIT	PAPER NUMBER
2875	

MAIL DATE	DELIVERY MODE
01/11/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA VA 22314

In re Application of	:	
CHOI et al.	:	DECISION ON PETITION
Application No. 13/287,631	:	TO MAKE SPECIAL UNDER
Filed: November 2, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 5188-0099	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 2, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

FOLEY & LARDNER LLP
777 EAST WISCONSIN AVENUE
MILWAUKEE, WI 53202-5306

MAILED
NOV 09 2011
OFFICE OF PETITIONS

In re Application of :
Bob A. HARDAGE :
Application No. 13/287,746 :
Deposited : November 2, 2011 :
Attorney Docket No. 098462-0111 :

DECISION ON PETITION

This is in response to the renewed petition under 37 CFR 1.102(c)(1) filed November 2, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED.**

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement from applicant Bob A. Hardage indicating that he is 65 years of age or older as required under MPEP § 708.02. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Joanne Hama at 571-272-2911 or in her absence David Bucci at 571-272-7099.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

/David Bucci/
Petitions Examiner
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/287,919		Roland Winston	86275-824913 (009510US)	1059

20350 7590 11/09/2011

KILPATRICK TOWNSEND & STOCKTON LLP
TWO EMBARCADERO CENTER
EIGHTH FLOOR
SAN FRANCISCO, CA 94111-3834

EXAMINER	
ART UNIT	PAPER NUMBER
3749	

NOTIFICATION DATE	DELIVERY MODE
11/09/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

Docket@kilpatricktownsend.com
ipefiling@kilpatricktownsend.com
jlhice@kilpatrick.foundationip.com

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KILPATRICK TOWNSEND & STOCKTON LLP
TWO EMBARCADERO CENTER
EIGHTH FLOOR
SAN FRANCISCO CA 94111-3834

In re Application of: WINSTON, ROLAND Serial No.: 13/287,919 Filed: Nov. 2, 2011 Attorney Docket No. : 86275-824913 (009510US) Title: MULTI-JUNCTION SOLAR CELLS WITH AN APLANATIC IMAGING SYSTEM AND COUPLED NON-IMAGING LIGHT CONCENTRATOR	DECISION ON A REQUEST TO PARTICIPATE IN PATENT PROSECUTION HIGHWAY PROGRAM AND PETITION TO MAKE SPECIAL UNDER CFR 1.102(a)

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed Nov.2, 2011 to make the above-identified application special.

The request and petition are **granted.**

A grantable request to participate in the PPH program and petition to make special require:

(1) The U.S. application must validly claim priority under 35 U.S.C. 119(a) to one or more applications filed in the IPAU;
(2) Applicant must submit a copy of the allowable/patentable claim(s) from the IPAU application(s) along with an English translation thereof and a statement that the English translation is accurate;
(3) All the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the IPAU application(s);
(4) Examination of the U.S. application has not begun;
(5) Applicant must submit a copy of all the office actions from each of the IPAU application(s) containing the allowable/patentable claim(s) along with an English translation thereof and a statement that the English translation is accurate; and

(6) Applicant must submit an IDS listing the documents cited by the IPAU examiner in the IPAU office action along with copies of documents except U.S. patents or U.S. patent application publications.

In light of the petition being properly submitted, the request to participate in the PPH program and the petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

The applicant is encouraged to cite and submit all relevant prior art references, if any, to facilitate examination in this application. This application is currently undergoing pre-examination processing. Upon completion, the application will be forwarded to TC 3700 for docketing in preparation of examination.

Response must be filed via EFS-Web. Telephone inquiries concerning this decision should be directed to Henry C. Yuen, at 571-272-4856.

Petition is **granted**.

/Henry C. Yuen/

Henry C. Yuen
Special Programs Examiner
Technology Center 3700
Tel: 571-272-4856

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: RPL-0434	Application Number (if known): 13/288,122	Filing date: November 3, 2011

First Named Inventor: Cheolsoo KIM

Title: DISPLAY APPARATUS

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date November 3, 2011
Name (Print/Typed) Daniel Y.J. Kim	Registration Number 36,186

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 2 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No.: **RPL-0434** PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	Confirmation No.: **7779**
Cheolsoo KIM; Sunghwan KIM; Yunjoo KIM; Sangdon PARK; Jonghyun BYEON; Moungyoub LEE; Hyoungsuck OH; and Deogjin LEE	Group Art Unit: **To Be Assigned**
Serial No.: **13/288,122**	Examiner: **To Be Assigned**
Filed: **November 3, 2011**	Customer No.: **34610**

For: **DISPLAY APPARATUS**

STATEMENT OF SPECIAL STATUS FOR ELIGIBILITY UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

U.S. Patent and Trademark Office
Customer Service Window, **MAIL STOP PETITIONS**
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

Special status is sought under 37 CFR §1.102 because the invention materially contributes to the more efficient utilization and conservation of energy resources.

Respectfully submitted,
KED & ASSOCIATES, LLP

Daniel Y.J. Kim
Registration No. 36,186

Correspondence Address:
P.O. Box 8638
Reston, VA 20195
703 766-3777 DYK/dak

Date: November 3, 2011

Please direct all correspondence to Customer Number 34610

Q:\Documents\2028-444\303076

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UNITED STATES DEPARTMENT OF COMMERCE
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/288,122	11/03/2011	Cheolsoo KIM	RPL-0434	7779

34610 7590 12/21/2011

KED & ASSOCIATES, LLP
P.O. Box 8638
Reston, VA 20195

EXAMINER	
ART UNIT	PAPER NUMBER
2871	

MAIL DATE	DELIVERY MODE
12/21/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

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KED & ASSOCIATES, LLP
P.O. Box 8638
Reston VA 20195

In re Application of	:	
KIM et al.	:	DECISION ON PETITION
Application No. 13/288,122	:	TO MAKE SPECIAL UNDER
Filed: November 3, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. RPL-0434	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 3, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

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United States Patent and Trademark Office
P.O. Box 1450
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FITZPATRICK CELLA HARPER & SCINTO
1290 AVENUE OF THE AMERICAS
NEW YORK NY 10104-3800

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FEB 02 2012
OFFICE OF PETITIONS

In re Application of :
Igawa, et al. :
Application No. 13/288,149 : ON PETITION
Filed: November 3, 2011 :
Attorney Docket No. 03500.134580.1 :

This is in response to the petition under 37 CFR 1.182 to change the inventor's name, filed January 3, 2012.

The petition is **GRANTED**.

Office records have been changed to reflect the change in the inventor's name from Chika Negishi to Chika Nishi.

The application is being forwarded to Group Art Unit 1786 for examination in due course.

Telephone inquiries regarding this decision should be directed to the undersigned at (571)272-3207.

Cliff Congo
Petitions Attorney
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: K-1341	Application Number (if known): 13/288,193	Filing date: November 3, 2011

First Named Inventor: Yong Tae MOON

Title: LIGHT EMITTING DEVICE AND LIGHTING SYSTEM HAVING THE SAME

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date November 3, 2011
Name (Print/Typed) Daniel Y.J. Kim	Registration Number 36,186

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 2 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No.: **K-1341** PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of		Confirmation No.:	**5498**
Yong Tae MOON; Dae Seob HAN and Jeong Sik LEE		Group Art Unit:	**To Be Assigned**
Serial No.:	**13/288,193**	Examiner:	**To Be Assigned**
Filed:	**October 3, 2011**	Customer No.:	**34610**

For: **LIGHT EMITTING DEVICE AND LIGHTING SYSTEM HAVING THE SAME**

STATEMENT OF SPECIAL STATUS FOR ELIGIBILITY UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

U.S. Patent and Trademark Office
Customer Service Window, **MAIL STOP PETITIONS**
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

Special status is sought under 37 CFR §1.102 because the invention materially contributes to the more efficient utilization and conservation of energy resources.

Respectfully submitted,
KED & ASSOCIATES, LLP

Daniel Y.J. Kim
Registration No. 36,186

Correspondence Address:
P.O. Box 8638
Reston, VA 20195
703 766-3777 DYK/dak

Date: November 3, 2011

Please direct all correspondence to Customer Number 34610

Q:\Documents\2016-1583\303042

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/288,193	11/03/2011	Yong Tae MOON	K-1341	5498

34610 7590 12/01/2011

KED & ASSOCIATES, LLP
P.O. Box 8638
Reston, VA 20195

EXAMINER	
ART UNIT	PAPER NUMBER
2811	

MAIL DATE	DELIVERY MODE
12/01/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
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P.O. Box 1450
Alexandria, VA 22313-1450
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KED & ASSOCIATES, LLP
P.O. Box 8638
Reston VA 20195

DEC 1 2011

In re Application of	:	
MOON et al.	:	DECISION ON PETITION
Application No. 13/288,193	:	TO MAKE SPECIAL UNDER
Filed: November 3, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. K-1341	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 3, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13288202	Confirmation Number	1000	Filing Date	2011-11-03
Attorney Docket Number (optional)	IBC129US1	Art Unit	1644	Examiner	Huynh Phuong N
First Named Inventor	Chien-Hsing Chang				
Title of Invention	Dock-and-Lock (DNL) Constructs for Human Immunodeficiency Virus (HIV) Therapy				

Attention: Office of Petitions

An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
David	M.	Goldenberg	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

● (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Richard A. Nakashima/	Date (YYYY-MM-DD)	2012-02-08
Name	Richard A. Nakashima	Registration Number	42023

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

In re Application of
Chien-Hsing Chang

Application No. 13288202

Filed: November 3,2011

Attorney Docket No. IBC129US1

:
:
:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)
:

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 08-FEB-2012 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 20062.0022USD1	Application Number (if known): Unknown	Filing date: Herewith

First Named Inventor: Attlesey

Title: EXTRUDED SERVER CASE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. **See Instruction Sheet on page 2.**

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: "Rittal White Paper 507: Understanding Data Center Cooling Energy Usage & Reduction Methods"

Signature /James A. Larson/	Date Nov. 3, 2011
Name (Print/Typed) James A. Larson	Registration Number 40,443

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/288,274	11/03/2011	Chad Daniel ATTLESEY	20062.0022USD1	9449

52835 7590 12/01/2011

HAMRE, SCHUMANN, MUELLER & LARSON, P.C.
P.O. BOX 2902
MINNEAPOLIS, MN 55402-0902

EXAMINER	
ART UNIT	PAPER NUMBER
2835	

MAIL DATE	DELIVERY MODE
12/01/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

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HAMRE, SCHUMANN, MUELLER & LARSON, P.C.
P.O. BOX 2902
MINNEAPOLIS MN 55402-0902

DEC 1 2011

In re Application of :
ATTLESEY, CHAD DANIEL :
Application No. 13/288,274 :
Filed: November 3, 2011 :
Attorney Docket No. 20062.0022USD1 :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 3, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

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NOV 30 2011

OFFICE OF PETITIONS

SNR DENTON US LLP-Robert Listou
P.O. BOX 061080
Chicago IL 60540

In re Application of	:	
Robert Eugene Listou	:	
Application No. 13/288,451	:	DECISION ON PETITION
Filed: November 3, 2011	:	TO MAKE SPECIAL UNDER
Attorney Docket No. 10020951-0005-002	:	37 CFR 1.102(c)(1)
	:	

This is a decision on the petition under 37 CFR 1.102(c)(1), filed November 3, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement by an attorney on behalf of inventor Robert Eugene Listou, attesting to his/her age. The above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Kimberly Inabinet at 571-272-4618.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Upon completion of the pre-examination processing by the Office of Patent Application Processing, this application will be referred to Technology Center 2827 for action on the merits commensurate with this decision.

/Kimberly Inabinet/

Kimberly Inabinet
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 100760	Application Number (if known):	Filing date: November 3, 2011

First Named Inventor: Thies Hoffmann

Title: METHOD FOR TREATING SCR CATALYSTS HAVING ACCUMULATED IRON COMPOUNDS

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. **See Instruction Sheet on page 2.**

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date 11/03/2011
Name (Print/Typed) Joseph L. Kent	Registration Number 54,216

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below.*

☐ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
Attorney Docket No. 100760

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):	Thies Hoffmann et al.	CONFIRMATION NO.:
APPLICATION NO.:		GROUP NO.:
FILING DATE:		EXAMINER:
TITLE:	METHOD FOR TREATING SCR CATALYSTS HAVING ACCUMULATED IRON COMPOUNDS	

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT IN SUPPORT OF PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Sir:

Applicants enclose a Petition to Make Special Under the Green Technology Pilot Program and the requisite publication fee of $300.

Applicants agree to make a telephonic election in response to any restriction requirement.

Applicants request special status because the claimed invention materially relates to methods for improving catalytic removal of pollutants from power plant flue gases. Although clear from the face of the application, Applicants state that the claimed invention materially relates to 1) enhancing the quality of the environment and 2) greenhouse gas emission reduction. Specifically, the claimed invention allows for the removal of accumulated iron compounds from a selective catalytic reduction ("SCR") catalyst. SCR catalysts are used in the exhaust stream of power plants that generate electricity by the combustion of fossil- and bio-fuels. SCR catalysts selectively reduce nitrogen oxides (NO_x) in the flue gas, converting them to nitrogen (N_2) and water. NO_x were classified as a greenhouse gas in the 1997 Kyoto Protocol and include nitric oxide (NO) and nitrogen dioxide (NO_2) which degrade the quality of the environment by reacting in the atmosphere to cause smog and acid rain. During use, the SCR catalyst may become contaminated with iron compounds, for example, through the burning of fossil fuels that have high concentration of iron compounds or leaching of iron compounds from power plant

components. Iron based compounds on flue components such as SCR catalysts, are believed to be a main contributor to the increased rate of conversion of SO_2 in the flue gas to SO_3. The SO_3 may react with water to form sulfuric acid (H_2SO_4), a product that is a component of acid rain and also results in oxidative corrosion of downstream component in the flue gas emission system. The claimed invention provides methods to remove accumulated iron compounds from an SCR catalyst channels and surfaces, thereby reducing the SO_2/SO_3 conversion rate and limiting the production and emission of sulfuric acid (H_2SO_4) into the environment.

Please charge any additional fees required for consideration of this submission to Deposit Account No. 11-1110.

The Office is invited to call the undersigned to resolve any issues relating to this submission and to expedite granting of the petition to make special.

Respectfully submitted,

November 3, 2011
Date

Joseph L. Kent
USPTO Reg. No. 54,216

K&L Gates LLC
K&L Gates Center
210 Sixth Avenue
Pittsburgh, PA 15222
Office - (412) 355-8315
FAX – (412) 355-6501
joseph.kent@klgates.com

Customer No. 21878

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/288,552	11/03/2011	Thies Hoffmann	100760	2801

21878 7590 12/15/2011

K&L Gates LLP
P.O. Box 33144
CHARLOTTE, NC 28233

EXAMINER	
ART UNIT	PAPER NUMBER
1736	

MAIL DATE	DELIVERY MODE
12/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
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K&L Gates LLP
P.O. Box 33144
CHARLOTTE NC 28233

12/15/2011

In re Application of :
Hoffmann et al. :
Application No. 13/288,552 :
Filed: 11/3/2011 :
Attorney Docket No. **100760** :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/3/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1736 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 8736.00477.US00	Application Number (if known): 13/288,615	Filing date: November 3, 2011

First Named Inventor: WOO, Taeki

Title: BIFACIAL SOLAR CELL MODULE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement in Support of Petition to Make Special Under the Green Technology Pilot Program

Signature /Yong S. Choi/	Date November 3, 2011
Name (Print/Typed) Yong S. Choi	Registration Number 43,324

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/288,615	11/03/2011	Taeki WOO	8736.00477.US00	2287

30827 7590 12/15/2011
MCKENNA LONG & ALDRIDGE LLP
1900 K STREET, NW
WASHINGTON, DC 20006

EXAMINER	
ART UNIT	PAPER NUMBER
1725	

MAIL DATE	DELIVERY MODE
12/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
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P.O. Box 1450
Alexandria, VA 22313-1450
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MCKENNA LONG & ALDRIDGE LLP
1900 K STREET, NW
WASHINGTON DC 20006

12/13/2011

In re Application of :
Woo et al. :
Application No. 13/288,615 :
Filed: 11/3/2011 :
Attorney Docket No. **8736.00477.US00** :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/3/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1725 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PPH.PCT.652
Document Description: Petition to make special under PCT-Patent Pros Hwy

PTO/SB/20PCT-KR (06-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PATENT COOPERATION TREATY - PATENT PROSECUTION HIGHWAY (PCT-PPH) PILOT PROGRAM BETWEEN THE KOREAN INTELLECTUAL PROPERTY OFFICE (KIPO) AND THE USPTO

Application No:	13289160	Filing date:	2011-11-04
First Named Inventor:	Jonsson		
Title of the Invention:	POWER NODE WITH NETWORK SWITCH		

THIS REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM ALONG WITH THE REQUIRED DOCUMENTS MUST BE SUBMITTED VIA EFS-WEB. INFORMATION REGARDING EFS-WEB IS AVAILABLE AT HTTP://WWW.USPTO.GOV/EBC/EFS_HELP.HTML

APPLICANT HEREBY REQUESTS PARTICIPATION IN THE PCT-PPH PROGRAM AND PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE PCT-PPH PROGRAM.

The above-identified application is (1) a national stage entry of the corresponding PCT application, or (2) a national stage entry of another PCT application which claims priority to the corresponding PCT application, or (3) a national application that claims domestic/ foreign priority to the corresponding PCT application, or (4) a national application which forms the basis for the priority claim in the corresponding PCT application, or (5) a continuing application of a U.S. application that satisfies one of (1) to (4) above, or (6) a U.S. application that claims domestic benefit to a U.S. provisional application which forms the basis for the priority claim in the corresponding PCT application.

The corresponding PCT application number(s) is/are: PCT/US2011/025350

The international filing date of the corresponding PCT application(s) is/are:
Feb, 18, 2011

I. List of Required Documents:

a. **A copy of the latest international work product (WO/ISA, WO/IPEA, or IPER) in the above–identified corresponding PCT application(s)**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

b. **A copy of all claims which were indicated as having novelty, inventive step and industrial applicability in the above-identified corresponding PCT application(s).**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

c. **English translations of the documents in a. and b. above are attached (if the documents are not in the English language). A statement that the English translation is accurate is attached for the document in b. above.**

This collection of information is required by 35 U.S.C. 119, 37 CFR 1.55, and 37 CFR 1.102(d). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

PTO/SB/20PCT-KR (06-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM BETWEEN THE KIPO AND THE USPTO

(continued)

Application No.:	13289160
First Named Inventor:	Jonsson

d. **(1) An information disclosure statement listing the documents cited in the international work products (ISR, WO/ISA, WO/IPEA, IPER) of the corresponding PCT application.**

☑ Is attached

☐ Has already been filed in the above-identified U.S. application on _____

(2) Copies of all documents (except) for U.S. patents or U.S. patent application publications)

☑ Are attached.

☐ Have already been filed in the above-identified U.S. application on _____

II. Claims Correspondence Table:

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
1-15	1-15	Identical wording

III. All the claims in the US application sufficiently correspond to the patentable claims in the corresponding PCT application.

Signature /Bruce A. Young/	Date 2011-11-04
Name (Print/Typed) Bruce A. Young	Registration Number 45656

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/289,160	11/04/2011	Karl Jonsson	GWRPID-026	2671

93652 7590 11/23/2011

GreenWave Reallty Inc
39 Parker
Suite 100
Irvine, IA 92618

EXAMINER	
ART UNIT	PAPER NUMBER
2465	

MAIL DATE	DELIVERY MODE
11/23/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
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GreenWave Reallty Inc
39 Parker
Suite 100
Irvine IA 92618

In re Application of: Karl Jonsson et al.
Application No. 13/289,160
Filed: November 4, 2011
For: **POWER NODE WITH NETWORK SWITCH**

DECISION ON REQUEST TO PARTICIPATE IN PCT-PATENT PROSECUTION HIGHWAY PROGRAM AND PETITION TO MAKE SPECIAL UNDER 37 CFR 1.102(a)

MAILED
NOV 23 2011
DIRECTOR OFFICE
TECHNOLOGY CENTER 2400

This is a decision on the request to participate in the PCT- Patent Prosecution Highway (PPH) pilot program and the petition under 37 CFR 1.102(a), filed November 4, 2011, to make the above-identified application special.

The petition is **GRANTED.**

A grantable request to participate in the PCT PPH program and petition to make special require:

(1) The relationship between the corresponding U.S. application for which participation in the PCT-PPH pilot program is requested and the PCT application satisfies one of the following:

(a) The U.S. application is a national stage entry of the corresponding PCT application.

(b)The U.S. application is a national application which forms the basis for the priority claim in the corresponding PCT application.

(c) The U.S. application is a national stage entry of another PCT application (which can be filed in any competent receiving office) which claims priority to the corresponding PCT application.

(d) The U.S. application is a national application claiming foreign/domestic priority to the corresponding PCT application.

(e) The U.S. application is a continuing application (continuation, divisional, or continuation-in-part) of the U.S. application which satisfies one of the above (a) to (d) scenarios.

(2) The latest work product in the international phase of the PCT application corresponding to the U.S. application indicates at least one claim in the PCT application has novelty, inventive step and industrial

applicability. In case any observation is described in Box VIII of the WO/ISA, or WO/IPEA, or IPER which forms the basis for the PCT-PPH request, applicant must identify and explain why the claim(s) is/are not subject to any observation described in Box VIII irrespective of whether an amendment is submitted to correct the observation described in Box VIII.

(3) All the claims in each U.S. application for which a request for participation in the PCT-PPH pilot program is made must sufficiently correspond to one or more of those claims indicated as having novelty, inventive step and industrial applicability and free of any observation described in Box VIII in the latest work product of the corresponding PCT application.

(4) Substantive examination of the U.S. application for which participation in the PCT-PPH pilot program is requested has not begun.

(5) Applicant must submit a copy of the latest international work product which indicated that the claim(s) has/have novelty, inventive step and industrial applicability along with an English translation thereof if the copy of the latest international work product is not in the English language.

(6) Applicant must submit a copy of the claims from the corresponding PCT application which were indicated as having novelty, inventive step and industrial applicability in the latest work product of the PCT application along with an English translation thereof and a statement that the English translation is accurate if the claims are not in the English language. Applicant is required to submit a claims correspondence table in English. The claims correspondence table must indicate how all the claims in the U.S. application sufficiently correspond to the claims indicated as having novelty, inventive step and industrial applicability in the latest international work product. *If the claims in the U.S. application for which participation in the PCT-PPH pilot program is requested are identical to the claims from the corresponding PCT application, and are in the English language, applicant may just indicate such in the PCT-PPH request and it will not be necessary for applicant to submit a copy of the claims from the corresponding PCT application.*

(7) Applicant must submit an information disclosure statement (IDS) listing the documents cited in the international work products (ISR, WOIISA, WOIIPEA, PER) of the PCT.

(8) The request for participation in the PCT-PPH pilot program and all the supporting documents must be submitted to the USPTO via EFS-Web and indexed with the following document description: "Petition to make special under PCT-Patent Pros Hwy. Any preliminary amendments and IDS submitted with the PCT-PPH documents must be separately indexed as a preliminary amendment and IDS, respectively.

The request to participate in the PCT-PPH program and petition comply with all the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Christopher Grant at 571-272-7294.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc/index.html.

The application is undergoing pre-examination processing. Once it is released for examination, the application will be forwarded to the examiner for action on the merits commensurate with this decision.

/Christopher Grant/
Christopher Grant
Quality Assurance Specialist
Technology Center 2400

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

DINSMORE & SHOHL LLP
1900 CHEMED CENTER
255 EAST FIFTH STREET
CINCINNATI OH 45202

MAILED

DEC 20 2011

OFFICE OF PETITIONS

In re Application of :
Steve F. Naghshineh et al. :
Application No. 13/289,242 : DECISION ON PETITION
Filed: November 4, 2011 : TO MAKE SPECIAL UNDER
Attorney Docket No. 23189-74 / R&L-1097-01-03 : 37 CFR 1.102(c)(1)
:

This is a decision on the petition under 37 CFR 1.102(c)(1), filed December 1, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement by an attorney on behalf of inventor Ralph L. Roberts, attesting to his/her age. The above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Kimberly Inabinet at 571-272-4618.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Upon completion of the pre-examination processing by the Office of Patent Application Processing, this application will be referred to Technology Center 3627 for action on the merits commensurate with this decision.

/Kimberly Inabinet/

Kimberly Inabinet
Petitions Examiner
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

DINSMORE & SHOHL LLP
1900 CHEMED CENTER
255 EAST FIFTH STREET
CINCINNATI OH 45202

MAILED

DEC 30 2011

OFFICE OF PETITIONS

In re Application of	:	
NAGHSHINEH, Steve F. et al.	:	
Application No. 13/289,248	:	DECISION ON PETITION
Filed: November 04, 2011	:	TO MAKE SPECIAL UNDER
Attorney Docket No. 23189-75 / R&L-1097-01-04	:	37 CFR 1.102(c)(1)
	:	

This is a decision on the petition under 37 CFR 1.102(c)(1), filed December 01, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED.**

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement attesting that Ralph L. Roberts is over 65 years of age. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to the undersigned at 571-272-4231.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being forwarded to the Technology Center Art Unit 3627 for action on the merits commensurate with this decision.

/Michelle R. Eason/
Michelle R. Eason
Paralegal Specialist
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

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DINSMORE & SHOHL LLP
1900 CHEMED CENTER
255 EAST FIFTH STREET
CINCINNATI OH 45202

MAILED
DEC 30 2011
OFFICE OF PETITIONS

In re Application of :
NAGHSHINEH, Steve F. et al. :
Application No. 13/289,251 : DECISION ON PETITION
Filed: November 04, 2011 : TO MAKE SPECIAL UNDER
Attorney Docket No. 23189-76 / R&L-1097-01-05 : 37 CFR 1.102(c)(1)
:

This is a decision on the petition under 37 CFR 1.102(c)(1), filed December 01, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED.**

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement attesting that Ralph L. Roberts is over 65 years of age. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to the undersigned at 571-272-4231.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being forwarded to the Technology Center Art Unit 3627 for action on the merits commensurate with this decision.

/Michelle R. Eason/
Michelle R. Eason
Paralegal Specialist
Office of Petitions

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CINCINNATI OH 45202

MAILED
DEC 30 2011
OFFICE OF PETITIONS

In re Application of :
NAGHSHINEH, Steve F. et al. :
Application No. 13/289,258 : DECISION ON PETITION
Filed: November 04, 2011 : TO MAKE SPECIAL UNDER
Attorney Docket No. 23189-77 / R&L-1097-01-06 : 37 CFR 1.102(c)(1)
:

This is a decision on the petition under 37 CFR 1.102(c)(1), filed December 01, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement attesting that Ralph L. Roberts is over 65 years of age. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to the undersigned at 571-272-4231.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being forwarded to the Technology Center Art Unit 3627 for action on the merits commensurate with this decision.

/Michelle R. Eason/
Michelle R. Eason
Paralegal Specialist
Office of Petitions

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DINSMORE & SHOHL LLP
1900 CHEMED CENTER
255 EAST FIFTH STREET
CINCINNATI OH 45202

MAILED

DEC 30 2011

OFFICE OF PETITIONS

In re Application of :
NAGHSHINEH, Steve F. et al. :
Application No. 13/289,271 : DECISION ON PETITION
Filed: November 04, 2011 : TO MAKE SPECIAL UNDER
Attorney Docket No. 23189-78 / R&L-1097-01-07 : 37 CFR 1.102(c)(1)
:

This is a decision on the petition under 37 CFR 1.102(c)(1), filed December 01, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement attesting that Ralph L. Roberts is over 65 years of age. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to the undersigned at 571-272-4231.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being forwarded to the Technology Center Art Unit 3627 for action on the merits commensurate with this decision.

/Michelle R. Eason/
Michelle R. Eason
Paralegal Specialist
Office of Petitions

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DEC 01 2011

OFFICE OF PETITIONS

MORRISON & FOERSTER, LLP
555 WEST FIFTH STREET
SUITE 3500
LOS ANGELES CA 90013-1024

In re Application of
Allan Rosman
Application No. 13/289,347
Filed: November 4, 2011
Attorney Docket No. 647972000102

DECISION ON PETITION
TO MAKE SPECIAL UNDER
37 CFR 1.102(c)(1)

This is a decision on the petition under 37 CFR 1.102(c)(1), filed November 4, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement by inventor Allan Rosman, attesting to his/her age. The above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Kimberly Inabinet at 571-272-4618.

The application is being forwarded to Technology Center 3618 for action on the merits commensurate with this decision.

/Kimberly Inabinet/

Kimberly Inabinet
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: O2-0716	Application Number (if known):	Filing date: 2011-11-04

First Named Inventor: Da LIU

Title: POWER SYSTEMS WITH MULTIPLE POWER SOURCES

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Yue Li/	Date 2011-11-04
Name (Print/Typed) Yue Li	Registration Number L0346

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/289,364	11/04/2011	Da LIU	0716	1061

71271 7590 01/30/2012

PATENT PROSECUTION
O2MIRCO , INC.
3118 PATRICK HENRY DRIVE
SANTA CLARA, CA 95054

EXAMINER	
ART UNIT	PAPER NUMBER
2821	

MAIL DATE	DELIVERY MODE
01/30/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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PATENT PROSECUTION
O2MIRCO, INC.
3118 PATRICK HENRY DRIVE
SANTA CLARA CA 95054

In re Application of	:	
LIU et al.	:	DECISION ON PETITION
Application No. 13/289,364	:	TO MAKE SPECIAL UNDER
Filed: November 4, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No.: 0716	:	PILOT PROGRAM

This is a decision on the renewed petition under 37 CFR 1.102, filed on November 4, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/289,386	11/04/2011	Ryuji UENO	Q126916	9068

23373 7590 12/06/2011

SUGHRUE MION, PLLC
2100 PENNSYLVANIA AVENUE, N.W.
SUITE 800
WASHINGTON, DC 20037

EXAMINER
DENTZ, BERNARD I

ART UNIT	PAPER NUMBER
1622	

NOTIFICATION DATE	DELIVERY MODE
12/06/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

USPTO@sughrue.com
sughrue@sughrue.com
PPROCESSING@SUGHRUE.COM

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DEC - 6 2011

SUGHRUE MION, PLLC
2100 PENNSYLVANIA AVENUE, N.W.
SUITE 800
WASHINGTON DC 20037

In re Application of:
Ueno et al.

Serial No.: 13/289,386

Filed: : November 4, 2011

Docket: **Q126916**

Title: **NOVEL COMPOSITION AND METHOD FOR STABILIZING THE SAME**

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition of November 4, 2011, to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is GRANTED.

The application is eligible for accelerated examination and the petition complies with the conditions for granting the application special status pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published June 26, 2006, in the Federal Register. (71 Fed. Reg. 36323).

The prosecution of the instant application will be conducted expeditiously according to the following guidelines.

1. The application will be docketed to an examiner and taken up for action within two weeks of the date of this decision.

2. Restriction Practice:
   If the examiner determines that the claims are not directed to a single invention, a telephone request to elect one single invention will be made pursuant to MPEP 812.01. As a prerequisite to the grant of this petition, the applicant has agreed to make an oral election, by telephone, without traverse. If the applicant refuses to make an election

without traverse, or the examiner cannot reach the applicant after a reasonable effort, the examiner will treat the first claimed invention (invention defined by claim 1) as having being constructively elected without traverse for examination.

3. Office action:
   If it is determined that, after appropriate consultation, there is a potential rejection or any other issue to be addressed, the examiner will telephone the applicant and arrange an interview to discuss and resolve the issue. An Office action, other than a Notice of Allowance and Fee(s) Due (Notice of Allowance), will not be issued unless either: 1) an interview was conducted but did not result in agreed to action that places the application in condition for allowance, or, 2) a determination is made that an interview would be unlikely to result in the application being placed in condition for allowance, and 3) an internal conference has been held to review any rejection of any claim.

4. Time for Reply:
   An Office action other than a Notice of Allowance or a final Office action will set a shortened statutory period of one month or thirty days, whichever is longer, for reply with no extension of time available under 37 CFR 1.136(a). Failure to timely file a reply within this non-extendible period for reply will result in the abandonment of the application.

5. Reply by Applicant:
   A timely reply to an Office action other than the Notice of Allowance must be submitted electronically via EFS or EFS-web and limited to addressing the rejections, objections and requirement made. Any amendment that attempts to: 1) add claims which would result in more than three pending independent claims or more than twenty pending total claims; 2) present claims not encompassed by the pre-examination search or an updated accelerated examination support document; or 3) present claims that are directed a non-elected invention or an invention other than that previously claimed and examined in the application, will be treated as not fully responsive and will not be entered.

   For any amendment to the claims (including any new claim) that is not encompassed by the accelerated examination support document, applicant must provide an updated accelerated examination support document that encompasses the amended or new claims at the time of filing of the amendment.

   To proceed expeditiously with the examination, it is recommended that a reply with amendments made to any claim or with any new claim being added be accompanied by an updated accelerated examination support document or a statement explaining how the amended or new claim is supported by the original accelerated examination support document.

6. Information Disclosure Statement (IDS):

7. Any IDS filed during prosecution must be submitted electronically via EFS or EFS-web, accompanied by an updated accelerated examination support document, and be in compliance with 37 CFR 1.97 and 1.98.

8. Post-Allowance Processing:
   To expedite processing of the allowed application into a patent, the applicant must: 1) pay the required fees within one month of the date of the Notice of Allowance, and 2) not file any post allowance papers not required by the Office. In no event may the issue fee be paid and accepted later than three months from the date of the Notice of Allowance.

9. After-Final and Appeal Procedures:
   To expedite prosecution, after receiving the final Office action, applicant must: 1) promptly file a notice of appeal, an appeal brief and appeal fees; and 2) not request a pre-appeal brief conference.

   Any amendment, affidavit or other evidence filed after final Office action must comply with applicable rules and the requirements outlined in numbered paragraphs 5 and 6 above.

   On appeal, the application will proceed according to normal appeal procedures. After appeal, the application will again be treated special.

10. Proceedings Outside the Normal Examination Process:
    If the application becomes involved in a proceeding that is outside the normal examination process (e.g., a secrecy order, national security review, interference proceeding, petitions under 37 CFR 1.181, 182 or 183), the application will be treated special before and after such proceeding.

11. Final Disposition:
    The twelve month goal of this accelerated examination procedure ends with a final disposition. The mailing of a final Office action, a Notice of Allowance, the filing of a Notice of Appeal, or the filing of a Request for Continued Examination (RCE) is the final disposition.

If, during prosecution, a paper is not filed electronically using EFS-web, a reply is filed but is not fully responsive, the application is involved in an appeal, or a proceeding outside normal examination process, the application will still be examined expeditiously, however, the final disposition may occur more than twelve months from the filing of the application.

Any inquiry regarding this decision should be directed to Marianne C. Seidel, Quality Assurance Specialist, at (571) 272-0584.

/MC Seidel/
Marianne C. Seidel, Quality Assurance Specialist
Technology Center 1600

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 37483	Application Number (if known):	Filing date: November 4, 2011

First Named Inventor: OWENS, Andrew J.

Title: SYSTEM FOR A VEHICLE TO CAPTURE ENERGY FROM ENVIRONMENTAL AIR MOVEMENT

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: STATEMENT OF SPECIAL STATUS FOR GREEN TECHNOLOGY PILOT PROGRAM

Signature	Date November 4, 2011
Name (Print/Typed) Jeffrey A. Proehl	Registration Number 35987

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/289,402	11/04/2011	ANDREW J. OWENS	37483	8910

40158 7590 12/15/2011

WOODS FULLER SHULTZ & SMITH P.C.
ATTN: JEFFREY A. PROEHL
P.O. BOX 5027
SIOUX FALLS, SD 57117

EXAMINER	
ART UNIT	PAPER NUMBER
1776	

MAIL DATE	DELIVERY MODE
12/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
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WOODS FULLER SHULTZ & SMITH P.C.
ATTN: JEFFREY A. PROEHL
P.O. BOX 5027
SIOUX FALLS SD 57117

12/15/2011

In re Application of	:	
Owens	:	DECISION ON PETITION
Application No. 13/289,402	:	TO MAKE SPECIAL UNDER
Filed: 11/4/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **37483**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/4/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1776 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	2204819.00123US22	Application Number (if known):	Not Yet Assigned	Filing date: Concurrently Herewith
First Named Inventor:	Aniket KALE			
Title:	SELECTIVE HEATED EXTRACTION OF GLOBULIN PROTEINS FROM INTACT FRESHWATER ALGAL CELLS			

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments:

Signature	/Nishat A. Shaikh/	Date	November 4, 2011
Name (Print/Typed)	Nishat Shaikh	Registration Number	66,183

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms if more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

Docket No.: 2204819.123US22
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	KALE, Aniket	Confirmation No.:	Not Yet Assigned
Application No.:	Not Yet Assigned	Art Unit:	Not Yet Assigned
Filed:	November 4, 2011	Examiner:	Not Yet Assigned
Title:	SELECTIVE HEATED EXTRACTION OF GLOBULIN PROTEINS FROM INTACT FRESHWATER ALGAL CELLS		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Statements of Special Status for the Eligibility Requirement

for the Green Technology Pilot Program

Dear Sir:

Applicants herewith file a Petition to Make Special Under the Green Technology Pilot Program (PTO/SB/420). Applicants respectfully submit that the claimed invention materially contributes to the discovery or development of renewable energy resources, to greenhouse gas reduction and improvement of environmental quality by providing, in at least one embodiment, methods for selective extraction and fractionation of algal proteins from a freshwater algal biomass or algal culture. In preferred embodiments, the lipid products that remain in the biomass after selective protein extraction can be processed to generate biofuels, a source of renewable energy. Algal cultures remove carbon dioxide from the atmosphere while creating carbon chains that can be processed to make biofuels. In at least one embodiment, the carbon dioxide provided to the algae is an industrial waste product. This use of carbon dioxide to feed algae reduces levels of a major greenhouse gas. Furthermore, the proteins of the instant invention can be used as renewable sources of dietary protein for humans as well as in animal feedstocks. As the present invention is directed towards single and multistep extraction

processes which allow for efficient separation of algal proteins, the claimed invention should be classified under Art Unit 1771, 1772, or 1782.

Applicants enclose herewith the publication fee of $300, pursuant to 37 CFR 1.18(d). No other fees are believed due with this submission, however the Director is hereby authorized to charge any additional fees or apply any overages to our Deposit Account No. 08-0219, under Order No. 2204819.00123US22, from which the undersigned is authorized to draw.

Applicants respectfully request the grant of the Petition filed herewith and a favorable and prompt decision regarding the present application. The Examiner is invited to telephone the undersigned at (617) 526-6613 if a phone conference may help advance prosecution.

Respectfully submitted,

Dated: November 4, 2011

/Nishat A. Shaikh/
Nishat A. Shaikh
Registration No.: 66,183
Attorney for Applicant(s)

Wilmer Cutler Pickering Hale and Dorr LLP
60 State Street
Boston, Massachusetts 02109
(617) 526-6000 (telephone)
(617) 526-5000 (facsimile)

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/289,801	11/04/2011	Aniket Kale	2204819.00123US22	4986

23483 7590 12/02/2011

WILMERHALE/BOSTON
60 STATE STREET
BOSTON, MA 02109

EXAMINER	
LEE, JAE W	

ART UNIT	PAPER NUMBER
1656	

NOTIFICATION DATE	DELIVERY MODE
12/02/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

teresa.carvalho@wilmerhale.com
whipusptopairs@wilmerhale.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
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DEC - 2 2011

WILMERHALE/BOSTON
60 STATE STREET
BOSTON MA 02109

In re Application of :

KALE, Aniket	:	DECISION ON PETITION
Application No. 13/289801	:	TO MAKE SPECIAL UNDER
Filed: November 4, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 2204819.00123US22	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed November 4, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Manjunath Rao at 571-272-0939.

The application is being forwarded to the Technology Center Art Unit 1656 for action on the merits commensurate with this decision.

/Manjunath Rao/

Manjunath Rao
Supervisory Patent Examiner &
POC for TC 1600 Green Tech Petitions
Technology Center 1600

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	2204819.00123US23	Application Number (if known):	Not Yet Assigned	Filing date: Concurrently Herewith
First Named Inventor:	Aniket KALE			
Title:	SELECTIVE HEATED EXTRACTION OF ALBUMIN PROTEINS FROM INTACT FRESHWATER ALGAL CELLS			

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments:

Signature	/Nishat A. Shaikh/	Date	November 4, 2011
Name (Print/Typed)	Nishat Shaikh	Registration Number	66,183

***Note**: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms if more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

Docket No.: 2204819.123US23
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	KALE, Aniket	Confirmation No.:	Not Yet Assigned
Application No.:	Not Yet Assigned	Art Unit:	Not Yet Assigned
Filed:	November 4, 2011	Examiner:	Not Yet Assigned
Title:	SELECTIVE HEATED EXTRACTION OF ALBUMIN PROTEINS FROM INTACT FRESHWATER ALGAL CELLS		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Statements of Special Status for the Eligibility Requirement

for the Green Technology Pilot Program

Dear Sir:

Applicants herewith file a Petition to Make Special Under the Green Technology Pilot Program (PTO/SB/420). Applicants respectfully submit that the claimed invention materially contributes to the discovery or development of renewable energy resources, to greenhouse gas reduction and improvement of environmental quality by providing, in at least one embodiment, methods for selective extraction and fractionation of algal proteins from a freshwater algal biomass or algal culture. In preferred embodiments, the lipid products that remain in the biomass after selective protein extraction can be processed to generate biofuels, a source of renewable energy. Algal cultures remove carbon dioxide from the atmosphere while creating carbon chains that can be processed to make biofuels. In at least one embodiment, the carbon dioxide provided to the algae is an industrial waste product. This use of carbon dioxide to feed algae reduces levels of a major greenhouse gas. Furthermore, the proteins of the instant invention can be used as renewable sources of dietary protein for humans as well as in animal feedstocks. As the present invention is directed towards single and multistep extraction

processes which allow for efficient separation of algal proteins, the claimed invention should be classified under Art Unit 1771, 1772, or 1782.

Applicants enclose herewith the publication fee of $300, pursuant to 37 CFR 1.18(d). No other fees are believed due with this submission, however the Director is hereby authorized to charge any additional fees or apply any overages to our Deposit Account No. 08-0219, under Order No. 2204819.00123US23, from which the undersigned is authorized to draw.

Applicants respectfully request the grant of the Petition filed herewith and a favorable and prompt decision regarding the present application. The Examiner is invited to telephone the undersigned at (617) 526-6613 if a phone conference may help advance prosecution.

Respectfully submitted,

Dated: November 4, 2011

/Nishat A. Shaikh/
Nishat A. Shaikh
Registration No.: 66,183
Attorney for Applicant(s)

Wilmer Cutler Pickering Hale and Dorr LLP
60 State Street
Boston, Massachusetts 02109
(617) 526-6000 (telephone)
(617) 526-5000 (facsimile)

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/289,805	11/04/2011	Aniket Kale	2204819.00123US23	6362

23483 7590 12/02/2011

WILMERHALE/BOSTON
60 STATE STREET
BOSTON, MA 02109

EXAMINER	
LEE, JAE W	

ART UNIT	PAPER NUMBER
1656	

NOTIFICATION DATE	DELIVERY MODE
12/02/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

teresa.carvalho@wilmerhale.com
whipusptopairs@wilmerhale.com

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United States Patent and Trademark Office
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Alexandria, VA 22313-1450
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DEC - 2 2011

WILMERHALE/BOSTON
60 STATE STREET
BOSTON MA 02109

In re Application of :

KALE, Aniket	:	DECISION ON PETITION
Application No. 13/289805	:	TO MAKE SPECIAL UNDER
Filed: November 4, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 2204819.00123US23	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed November 4, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Manjunath Rao at 571-272-0939.

The application is being forwarded to the Technology Center Art Unit 1656 for action on the merits commensurate with this decision.

/Manjunath Rao/

Manjunath Rao
Supervisory Patent Examiner &
POC for TC 1600 Green Tech Petitions
Technology Center 1600

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/289,906	11/04/2011	Christopher M. Hanna	56233-407 (THAT-3DVCON8)	1496

23630 7590 12/13/2011

McDermott Will & Emery
600 13th Street, NW
Washington, DC 20005-3096

EXAMINER	
ART UNIT	PAPER NUMBER
2614	

NOTIFICATION DATE	DELIVERY MODE
12/13/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mweipdocket@mwe.com

UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

McDermott Will & Emery
600 13th Street, NW
Washington DC 20005-3096

In re Application of:
HANNA, CHRISTOPHER M.
Serial No.: 13/289,906
Filed: November 4, 2011

Title: **BTSC ENCODER**

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition filed on November 4, 2011 to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is **DENIED**.

REGULATION AND PRACTICE

To be eligible for accelerated examination under 37 C.F.R. § 1.102(d) and pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published in the Federal Register on June 26, 2006 (71 Fed. Reg. 36323), the following conditions must be satisfied:

1. The application must be a non-reissue utility or design application filed under 37 CFR 1.111(a);
2. The application, the petition and the required fees must be filed electronically using the USPTO's electronic filing system (EFS), or EFS-web; if not filed electronically, a statement asserting that EFS and EFS-web were not available during the normal business hours;
3. The application, at the time of filing, must be complete under 37 CFR 1.51 and in condition for examination;
4. The application must contain three or fewer independent claims and twenty or fewer total claims and the claims must be directed to a single invention.

The application as filed is not eligible for accelerated examination under 37 C.F.R. § 1.102(d) because the application, at the time of filing, is not in compliance with item 3.) above.

The application was incomplete at the time of filing. A Notice to File Corrected Application Papers was mailed November 10, 2011. The application will be taken up by the examiner for action in its regular turn.

Any inquiry regarding this decision should be directed to Ken Wieder, Quality Assurance Specialist, at (571) 272-2986.

/Kenneth A. Wieder/

Kenneth A. Wieder
Quality Assurance Specialist
Technology Center 2600
Communications

Doc Code: PPH.PCT.652
Document Description: Petition to make special under PCT-Patent Pros Hwy

PTO/SB/20PCT-KR (06-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PATENT COOPERATION TREATY - PATENT PROSECUTION HIGHWAY (PCT-PPH) PILOT PROGRAM BETWEEN THE KOREAN INTELLECTUAL PROPERTY OFFICE (KIPO) AND THE USPTO

Application No:	13/289,910	Filing date:	11-04-2011
First Named Inventor:	Ian McLeod		
Title of the Invention:	SNOWBOARD		

THIS REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM ALONG WITH THE REQUIRED DOCUMENTS MUST BE SUBMITTED VIA EFS-WEB. INFORMATION REGARDING EFS-WEB IS AVAILABLE AT HTTP://WWW.USPTO.GOV/EBC/EFS_HELP.HTML

APPLICANT HEREBY REQUESTS PARTICIPATION IN THE PCT-PPH PROGRAM AND PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE PCT-PPH PROGRAM.

The above-identified application is (1) a national stage entry of the corresponding PCT application, or (2) a national stage entry of another PCT application which claims priority to the corresponding PCT application, or (3) a national application that claims domestic/ foreign priority to the corresponding PCT application, or (4) a national application which forms the basis for the priority claim in the corresponding PCT application, or (5) a continuing application of a U.S. application that satisfies one of (1) to (4) above, or (6) a U.S. application that claims domestic benefit to a U.S. provisional application which forms the basis for the priority claim in the corresponding PCT application.

The corresponding PCT application number(s) is/are: PCT/US2010/044775

The international filing date of the corresponding PCT application(s) is/are: 06-Aug-2010

I. List of Required Documents:

a. **A copy of the latest international work product (WO/ISA, WO/IPEA, or IPER) in the above–identified corresponding PCT application(s)**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

b. **A copy of all claims which were indicated as having novelty, inventive step and industrial applicability in the above-identified corresponding PCT application(s).**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

c. **English translations of the documents in a. and b. above are attached (if the documents are not in the English language). A statement that the English translation is accurate is attached for the document in b. above.**

This collection of information is required by 35 U.S.C. 119, 37 CFR 1.55, and 37 CFR 1.102(d). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

PTO/SB/20PCT-KR (06-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM BETWEEN THE KIPO AND THE USPTO

(continued)

Application No.:	13/289,910
First Named Inventor:	Ian McLeod

d. **(1) An information disclosure statement listing the documents cited in the international work products (ISR, WO/ISA, WO/IPEA, IPER) of the corresponding PCT application.**

☑ Is attached

☐ Has already been filed in the above-identified U.S. application on _____

(2) Copies of all documents (except) for U.S. patents or U.S. patent application publications)

☑ Are attached.

☐ Have already been filed in the above-identified U.S. application on _____

II. Claims Correspondence Table:

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
1	1	US Claim 1 corresponds to PCT Claim 1
2	2	US Claim 2 corresponds to PCT Claim 2
3	3	US Claim 3 corresponds to PCT Claim 3
4	4	US Claim 4 corresponds to PCT Claim 4
5	5	US Claim 5 corresponds to PCT Claim 5
6	7	US Claim 6 corresponds to PCT Claim 7
7	8	US Claim 7 corresponds to PCT Claim 8
8	9	US Claim 8 corresponds to PCT Claim 9
9	10	US Claim 9 corresponds to PCT Claim 10
10	11	US Claim 10 corresponds to PCT Claim 11
11	12	US Claim 11 corresponds to PCT Claim 12
12	14	US Claim 12 corresponds to PCT Claim 14
13	15	US Claim 13 corresponds to PCT Claim 15
14	16	US Claim 14 corresponds to PCT Claim 16
15	17	US Claim 15 corresponds to PCT Claim 17
16	18	US Claim 16 corresponds to PCT Claim 18
17	19	US Claim 17 corresponds to PCT Claim 19
18	20	US Claim 18 corresponds to PCT Claim 20
(continued on next page)		

III. All the claims in the US application sufficiently correspond to the patentable claims in the corresponding PCT application.

Signature /Kregg A. Koch/	Date December 7, 2011
Name (Print/Typed) Kregg A. Koch	Registration Number 63,035

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
19	21	US Claim 19 corresponds to PCT Claim 21
20	22	US Claim 20 corresponds to PCT Claim 22
21	23	US Claim 21 corresponds to PCT Claim 23
22	24	US Claim 22 corresponds to PCT Claim 24

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

KNOBBE MARTENS OLSON & BEAR LLP
2040 MAIN STREET
FOURTEENTH FLOOR
IRVINE CA 92614

MAILED

MAR 05 2012

OFFICE OF PETITIONS

In re Application of
Ian Mcleod, et al.
Application No.: 13/289,910
Filed: November 4, 2011
Attorney Docket No.: MCLD.001C1
For: SNOWBOARD

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the PCT Patent Prosecution Highway (PCT-PPH) pilot program and the petition under 37 CFR 1.102(a), filed on December 7, 2011, to make the above-identified application special.

The request and petition are **DENIED**.

Discussion

A grantable request to participate in the PCT-PPH pilot program and petition to make special require:

(1) The U.S. application must have an eligible relationship to one or more PCT applications where the ISA or IPEA are the JPO, EPO, KIPO, IPAU, Russia, Spain, Finland, Austria, or USPTO;

(2) At least one claim in the PCT application has novelty, inventive step, and industrial applicability and must be free of any observations in Box VIII in the latest work product in the international stage or applicant must identify and explain why the claim(s) is/are not subject to the observation in Box VIII;

(3) Applicant must submit a copy of the claim(s) from the PCT application(s) that have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate, if the claims are not in the English language;

(4) All the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the claim(s) that have novelty, inventive step, and industrial applicability in the PCT application(s);

(5) Examination of the U.S. application has not begun;

(6) Applicant must submit a copy of the latest international work product from the PCT application indicating that the claim(s) have novelty, inventive step, and industrial applicability along with an English translation thereof.

(7) Applicant must submit an IDS listing the documents cited by the PCT examiner in the international work product along with copies of documents except U.S. patents or U.S. patent application publications.

(8) Applicant is required to submit a claims correspondence table in English which indicates how all the claims in the U.S. application correspond to the claims indicated as having novelty, inventive step and industrial applicability in the latest international work product.

The request to participate in the PPH pilot program and petition fail to meet requirements (5).

In this regard, since examination of the application began February 17, 2012, the present petition cannot be granted.

Telephone inquiries concerning this decision should be directed to Terri Johnson at (571) 272-2991. All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc/index.html.

This application is being referred to Technology Center Art Unit 3618 to await a response to the Office action mailed February 17, 2012.

Anthony Knight
Director
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/290,106	11/06/2011	Robert Guinness	RG-1002	6326

65513 7590 12/22/2011

Attn: Dan Hussain
American Patent Agency PC
307 S Dithridge Street
Unit 011
Pittsburgh, PA 15213

EXAMINER	
CHBOUKI, TAREK	
ART UNIT	**PAPER NUMBER**
2165	

NOTIFICATION DATE	DELIVERY MODE
12/22/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

company@american-patent-agency.com
dan@american-patent-agency.com
albert@american-patent-agency.com

UNITED STATES PATENT AND TRADEMARK OFFICE

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Alexandria, VA 22313-1450
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Dan Hussain
American Patent Agency PC
307 S. Dithridge Street
Unit 011
Pittsburgh, PA 15213

In re Application of: Robert GUINNESS Application Serial No.:13/290,106 Filed: November 06, 2011 Title: SYSTEMS AND METHODS FOR INFORMATION MANAGEMENT USING SOCIALLY CONSTRUCTED GRAPHS	DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition filed on November 06, 2011 to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is **DENIED**.

REGULATION AND PRACTICE

To be eligible for accelerated examination under 37 C.F.R. § 1.102(d) and pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published in the Federal Register on June 26, 2006 (71 Fed. Reg. 36323), the following conditions must be satisfied:

1. The application must be a non-reissue utility or design application filed under 37 CFR 1.111(a);
2. The application, the petition and the required fees must be filed electronically using the USPTO's electronic filing system (EFS), or EFS-web; if not filed electronically, a statement asserting that EFS and EFS-web were not available during the normal business hours;
3. The application, at the time of filing, must be complete under 37 CFR 1.51 and in condition for examination;
4. The application must contain three or fewer independent claims and twenty or fewer total claims and the claims must be directed to a single invention;
5. The petition must be filed with the application.

The application as filed is not eligible for the accelerated examination under 37 C.F.R. § 1.102(d) because it is a utility application filed under 37 CFR 1.111(a) and was not complete under 37 CFR 1.51 and in condition for examination at the time of filing. The mailing of the Notice to File Corrected Application Papers on November 16, 2011 is evidence that the application was not complete and in condition for examination at the time of filing.

For the above-stated reasons, the petition is **DENIED**. The application will therefore be taken up by the examiner for action in its regular turn.

Any inquiry regarding this decision should be directed to the undersigned whose telephone is (571) 272-3613.

/Vincent N. Trans/
Vincent N. Trans
SPRE/QAS, Tech Center 2100
Computer Architecture and Software

Doc Code: PPH.PCT.652
Document Description: Petition to make special under PCT-Patent Pros Hwy

PTO/SB/20PCT-KR (06-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PATENT COOPERATION TREATY - PATENT PROSECUTION HIGHWAY (PCT-PPH) PILOT PROGRAM BETWEEN THE KOREAN INTELLECTUAL PROPERTY OFFICE (KIPO) AND THE USPTO

Application No:		Filing date:	
First Named Inventor:	Flowers, Linda		
Title of the Invention:	HEATING APPARATUS FOR HEAT RETAINING HAIR CLIPS		

THIS REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM ALONG WITH THE REQUIRED DOCUMENTS MUST BE SUBMITTED VIA EFS-WEB. INFORMATION REGARDING EFS-WEB IS AVAILABLE AT HTTP://WWW.USPTO.GOV/EBC/EFS_HELP.HTML

APPLICANT HEREBY REQUESTS PARTICIPATION IN THE PCT-PPH PROGRAM AND PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE PCT-PPH PROGRAM.

The above-identified application is (1) a national stage entry of the corresponding PCT application, or (2) a national stage entry of another PCT application which claims priority to the corresponding PCT application, or (3) a national application that claims domestic/ foreign priority to the corresponding PCT application, or (4) a national application which forms the basis for the priority claim in the corresponding PCT application, or (5) a continuing application of a U.S. application that satisfies one of (1) to (4) above, or (6) a U.S. application that claims domestic benefit to a U.S. provisional application which forms the basis for the priority claim in the corresponding PCT application.

The corresponding PCT application number(s) is/are: PCT/US2008/004034

The international filing date of the corresponding PCT application(s) is/are: 27 MARCH 2008

I. List of Required Documents:

a. **A copy of the latest international work product (WO/ISA, WO/IPEA, or IPER) in the above–identified corresponding PCT application(s)**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

b. **A copy of all claims which were indicated as having novelty, inventive step and industrial applicability in the above-identified corresponding PCT application(s).**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

c. **English translations of the documents in a. and b. above are attached (if the documents are not in the English language). A statement that the English translation is accurate is attached for the document in b. above.**

This collection of information is required by 35 U.S.C. 119, 37 CFR 1.55, and 37 CFR 1.102(d). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM BETWEEN THE KIPO AND THE USPTO

(continued)

Application No.:	
First Named Inventor:	FLOWERS, Linda

d. **(1) An information disclosure statement listing the documents cited in the international work products (ISR, WO/ISA, WO/IPEA, IPER) of the corresponding PCT application.**

☑ Is attached

☐ Has already been filed in the above-identified U.S. application on _____

(2) Copies of all documents (except) for U.S. patents or U.S. patent application publications)

☑ Are attached.

☐ Have already been filed in the above-identified U.S. application on _____

II. Claims Correspondence Table:

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
1	1	amendments made to clarify claim
2	2	amendments made to clarify claim
3	3	amendments made to clarify claim
4	4	amendments made to clarify claim
5	5	amendments made to clarify claim
6	6	amendments made to clarify claim
7	7	amendments made to clarify claim
8	8	amendments made to clarify claim
9	9	amendments made to clarify claim
10	10	amendments made to clarify claim
11	11	amendments made to clarify claim
	12	claim cancelled
	13	claim cancelled
	14	claim cancelled
	15	claim cancelled
	16	claim cancelled
	17	claim cancelled
	18	claim cancelled

III. All the claims in the US application sufficiently correspond to the patentable claims in the corresponding PCT application.

Signature /laura m. lloyd/	Date November 7, 2011
Name (Print/Typed) Laura M. Lloyd, Ph.D., J.D.	Registration Number 54,461

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/290,284		Linda Flowers	20289-3	5677

23676 7590 11/15/2011
SHELDON MAK & ANDERSON PC
100 Corson Street
Third Floor
PASADENA, CA 91103-3842

EXAMINER	
ART UNIT	PAPER NUMBER
3776	

MAIL DATE	DELIVERY MODE
11/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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SHELDON MAK & ANDERSON PC
100 Corson Street
Third Floor
PASADENA CA 91103-3842

In re Application of	:	
FLOWERS, LINDA	:	DECISION ON REQUEST TO
Application No. 13/290284	:	PARTICIPATE IN PATENT
Filed: Nov. 7, 2011	:	PCT/PROSECUTION HIGHWAY
Attorney Docket No. 20289.3	:	PROGRAM AND PETITION
Title: HEATING APPARATUS FOR HEAT RETAINING HAIR CLIPS	:	TO MAKE SPECIAL UNDER 37 CFR 1.102(a)

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed Nov. 7, 2011, to make the above-identified application special.

The request and petition are dismissed.

A grantable request to participate in the PPH program and petition to make special require:
(1) The U.S. application must disclose an eligible relationship to one or more PCT applications filed in the KIPO, JPO, EPO or USPTO;
(2) Applicant must submit a copy of the allowable/patentable claim(s) from the PCT application(s) latest international work product (the written opinion or the IPER) along with an English translation thereof and a statement that the English translation is accurate;
(3) All the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the PCT application(s);
(4) Examination of the U.S. application has not begun;
(5) Applicant must submit a copy of the latest international work product from the PCT application containing the allowable/patentable claim(s) along with an English translation thereof and a statement that the English translation is accurate; and
(6) Applicant must submit an IDS listing the documents cited by the PCT examiner in the international work product along with copies of documents except U.S. patents or U.S. patent application publications.

With regard to Items #2 and #3, the applicant failed to submit a copy of KIPO/PCT positive search opinion indicating only claims 1-11 meet novelty, inventive step and industrial applicability. In the claims comparison, the applicant also indicated that the current claims 1-11 correspond to the KIPO allowed claims 1-11. The newly added claims 19-28 were not examined by KIPO examiner and must be cancelled. The applicant is also required to provide a copy of KIPO allowed claims 1-11 for comparison. Therefore, the unexamined and uncancelled claims 19-28 were not found allowable by the KIPO/PCT examiner. In order to grant the petition make special under PPH program, unexamined and un-cancelled method claims 19-28 must be cancelled.

Applicant is encouraged to cite and submit all relevant prior art references, if any, to facilitate examination in this application.

Applicant is given a time period of **ONE MONTH or THIRTY DAYS**, whichever is longer, from the mailing date of this decision to correct the deficiencies. **NO EXTENSION OF TIME UNDER 37 CFR 1.136 IS PERMITTED.** If the deficiencies are not corrected with the time period given, the application will await action in its regular turn. Response must be filed via EFS-Web. Currently, the application is undergoing pre-examination processing.

Telephone inquiries concerning this decision should be directed to Henry C. Yuen at 571-272-4856.

Petition is **dismissed**.

/Henry C. Yuen/

Henry C. Yuen, Special Programs Examiner
Technology Center 3700 – Mechanical Engineering,
Manufacturing and Products
571-272-4856

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	13/290,284	Confirmation No. 5677
Applicant	:	Linda Flowers	
Filed:	:	November 7, 2011	
Title:	:	HEATING APPARATUS FOR HEAT RETAINING HAIR CLIPS	
Attorney Docket No.	:	20289-3	
Customer No.	:	23676	

REPLY TO DECISION ON REQUEST TO PARTICIPATE IN PATENT PCT/PROSECUTION HIGHWAY PROGRAM AND PETITION TO MAKE SPECIAL

Sir:

In response to the Decision on the Request to Participate in the Patent PCT/Prosecution Highway Program and Petition to Make Special Under 37 C.F.R. 1.102(a) dated November 15, 2011, dismissing the Applicant's request to participate in the Patent Prosecution Highway (PPH) program and petition to make special under 37 CFR 1.102(a), the Applicant submits the following:

1. a copy of the International Preliminary Report on Patentability and positive Written Opinion from the Korean Intellectual Property Office (KIPO), acting as the International Searching Authority, dated September 29, 2009, indicating that claims 1-11 meet novelty, inventive step and industrial applicability. Allowed claims 12-18 of the corresponding PCT application have been cancelled in the present application. Applicant has added new claims 19-28 which are believed to sufficiently correspond to claims 1-11 of the corresponding PCT patent application to also be considered allowable;
2. a revised and complete claim correspondence table; and
3. a copy of KIPO allowed claims 1-11.

CLAIMS CORRESPONDENCE TABLE

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
1	1	Similar to corresponding international application claim 1 except for amendments made to clarify claim 1
2	2	Similar to corresponding international application claim 1 except for amendments made to clarify claim 2
3	3	The same as corresponding international application claim 3
4	4	Similar to corresponding international application claim 1 except for amendments made to clarify claim 4
5	5	Similar to corresponding international application claim 1 except for amendments made to clarify claim 5
6	6	Similar to corresponding international application claim 1 except for amendments made to clarify claim 6
7	7	Similar to corresponding international application claim 1 except for amendments made to clarify claim 7
8	8	Similar to corresponding international application claim 1 except for amendments made to clarify claim 8
9	9	Similar to corresponding international application claim 1 except for amendments made to clarify claim 9
10	10	Similar to corresponding international application claim 1 except for amendments made to clarify claim 10
11	11	Similar to corresponding international application claim 1 except for amendments made to clarify claim 11
12 (cancelled)	12	Not presented
13 (cancelled)	13	Not presented
14 (cancelled)	14	Not presented
15 (cancelled)	15	Not presented
16 (cancelled)	16	Not presented
17 (cancelled)	17	Not presented
18 (cancelled)	18	Not presented
19 (new)	--	Similar to corresponding international application claim 1
20 (new	--	Similar to corresponding international application claims 1, 3

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
21 (new	--	Similar to corresponding international application claims 1, 5
22 (new)	--	Similar to corresponding international application claims 1, 6
23 (new)	--	Similar to corresponding international application claims 1, 5
24 (new)	--	Similar to corresponding international application claims 1, 5
25 (new)	--	Similar to corresponding international application claims 1, 3, 8
26 (new)	--	Similar to corresponding international application claim 1
27 (new)	--	Similar to corresponding international application claim 1
28 (new)	--	Similar to corresponding international application claims 1, 5

Applicant has amended claims 1-11, and added new claims 19-28, in the present application to correspond to claims of the same scope as the claims of the Applicant's corresponding International Patent Application, claims 1-11, which were indicated by the KIPO Examiner as having novelty, inventive step and industrial applicability. As stated in the Preliminary Amendment filed November 7, 2011, all claims in the present application are supported in the specification (description and/or claims) of the application as originally filed.

KIPO ALLOWED CLAIMS

For comparison purposes, the following claims 1-11 are the claims of the corresponding PCT Application that are considered allowable by the Korean Intellectual Property Office:

1. An improved hair curling device comprising:
    a. clipping means, comprising a pair of biasable opposing jaws, with facing concave inside surfaces disposed in a manner that creates a confined space between the jaws when in a closed position;

b. a heat retaining element attached to the inside surfaces of the jaws, adjacent to, and comprising the same concave shape as the inside surface of the jaws; and

c. a heating means comprising a housing and a plurality of locations for heating and retaining the clipping means at a desired temperature, wherein each location comprises a double convex surface complimentary to the shape of the inside surfaces of the jaws.

2. The device of claim 1, wherein when a clipping means is disposed at a heating location, the heat retaining element is in complete contact with the heating means.

3. The device of claim 1, wherein the heat retaining element comprises ceramic.

4. The device of claim 1, wherein a venting means is disposed on the jaws to allow heat to dissipate from the side of the heat retaining element adjacent to the clipping means.

5. The device of claim 1, wherein each jaw of the clipping means comprises a proximal end with an opening means and a distal end with a retaining means, wherein the jaws of the clipping means are biased to a closed position.

6. The device of claim 5, wherein the proximal end further comprises a handle means and the distal end comprises comb fingers that interlock when the clipping means is in a closed position.

7. The device of claim 6, wherein the heat retaining element is disposed between the handle means and the comb members.

8. The device of claim 1, wherein the heating means is electrically powered and comprises a closable housing surrounding at least one heating member which comprises the clip heating and storing locations.

9. The device of claim 8, wherein the heating means holds the heating members in a vertical configuration.

10. The device of claim 8, wherein the heating means holds the heading members in a horizontal position 11.

11. The device of claim 1, wherein the heating means can be set to variable temperatures.

All relevant references of which the Applicant is aware and/or which were cited in the International Search Report of the corresponding PCT Application were submitted to the Office in the Information Disclosure Statement filed November 7, 2011.

CONCLUSION

In view of the foregoing, it is believed that the Applicant's request to participate in the Patent Prosecution Highway (PPH) program and the petition to make special under 37 CFR 1.102(a) filed November 7, 2011 should be granted.

If there are any other issues or deficiencies concerning this application which can be addressed by telephone, the Examiner is respectfully invited to contact the undersigned.

If any additional fees are due, the Commissioner is authorized to charge any fees, or make any credits, to Deposit Account No. 19-2090 referencing the above-identified attorney docket number.

Respectfully submitted,

SHELDON MAK & ANDERSON

Date: December 8, 2011

By: /laura m. lloyd/
Laura M. Lloyd, Ph.D., J.D.
Reg. No. 54,461

SHELDON MAK & ANDERSON PC
100 Corson Street, Third Floor
Pasadena, California 91103-3842
Tel.: (626) 796-4000
Fax: (626) 795-6321
E-mail: laura.lloyd@usip.com

WHAT IS CLAIMED IS:

1. An improved hair curling device comprising;
   a. clipping means, comprising a pair of biasable opposing jaws, with facing concave inside surfaces disposed in a manner that creates a confined space between the jaws when in a closed position;
   b. a heat retaining element attached to the inside surfaces of the jaws, adjacent to, and comprising the same concave shape as the inside surface of the jaws; and
   c. a heating means comprising a housing and a plurality of locations for heating and retaining the clipping means at a desired temperature, wherein each location comprises a double convex surface complimentary to the shape of the inside surfaces of the jaws.

2. The device of claim 1, wherein when a clipping means is disposed at a heating location, the heat retaining element is in complete contact with the heating means.

3. The device of claim 1, wherein the heat retaining element comprises ceramic.

4. The device of claim 1, wherein a venting means is disposed on the jaws to allow heat to dissipate from the side of the heat retaining element adjacent to the clipping means.

5. The device of claim 1, wherein each jaw of the clipping means comprises a proximal end with an opening means and a distal end with a retaining means, wherein the jaws of the clipping means are biased to a closed position.

6. The device of claim 5, wherein the proximal end further comprises a handle means and the distal end comprises comb fingers that interlock when the clipping means is in a closed position.

7. The device of claim 6, wherein the heat retaining element is disposed between the handle means and the comb members.

8. The device of claim 1, wherein the heating means is electrically powered and comprises a closable housing surrounding at least one heating member which comprises the clip heating and storing locations.

9. The device of claim 8, wherein the heating means holds the heating members in a vertical configuration.

10. The device of claim 8, wherein the heating means holds the heading members in a horizontal position

11. The device of claim 1, wherein the heating means can be set to variable temperatures.

12. A method of curling hair comprising the steps of;
    a. forming an assemblage of hair comprising circular or figure 8 curls, by winding groups of strands of hair around one or more fingers of a user;
    b. removing the fingers while preserving the integrity of the assemblage;
    c. Placing a heated hair clamp comprising a clamp with jaws, and further comprising concave inner surfaces and heat retaining elements lining the inner surfaces, over the assemblage of hair;
    d. Allowing the heated hair clamp to remain in place for a predetermined amount of time;
    e. Removing the hair clamp from the assemblage of hair.

13. The method of claim 12, wherein the hair is damp when formed into an assemblage.

14. The method of claim 12, wherein the hair is wound around a rod-shaped member other than one or more fingers.

15. The method of claim 12, wherein the hair is wound in a figure eight pattern.

16. The method of claim 15, wherein a figure eight pattern is achieved by;
    a. holding a first set of hair strands at the ends of the strands between the thumb and forefinger;

b. wrapping the plurality of strands of hair one half turn around the forefinger

c. pulling the strands toward the middle finger and wrapping the strands one full turn around the middle finger; and;

d. pulling the strands from the middle finger back toward the forefinger in a manner that causes the strands from the thumb and forefinger to cross the strands from the middle finger.

e. wrapping the strands around the forefinger and pulling them back toward the middle finger so that they cross again; and

f. continuing this procedure for the entire length of the strands of hair.

17. The method of claim 12, wherein the strands are wound in a figure eight pattern around two outstretched fingers.

18. The device of claim 1, wherein sections of hair of lengths or widths ranging from 1 inch to 2 inches are wound around between 1 and 4 fingers and then enclosed in the clipping means.

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Commissioner for Patents
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SHELDON MAK & ANDERSON PC
100 CORSON STREET
THIRD FLOOR
PASADENA CA 91103-3842

MAILED
JAN 30 2012
OFFICE OF PETITIONS

In re Application of
FLOWERS
Application No.: 13/290,284
Filed: November 7, 2011
Attorney Docket No.: 20289-3
For: HEATING APPARATUS FOR HEAT RETAINING HAIR CLIPS

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the PCT Patent Prosecution Highway (PCT-PPH) pilot program and the petition under 37 CFR 1.102(a), filed on November 7, 2011, and renewed December 9, 2011 to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PCT-PPH pilot program and petition to make special require:

(1) The U.S. application must have an eligible relationship to one or more PCT applications where the ISA or IPEA are the JPO, EPO, KIPO, NPI, NBPR, IPAU, Spain, Sweden, Finland, China, or USPTO;

(2) At least one claim in the PCT application has novelty, inventive step, and industrial applicability and must be free of any observations in Box VIII in the latest work product in the international stage or applicant must identify and explain why the claim(s) is/are not subject to the observation in Box VIII;

(3) Applicant must submit a copy of the claim(s) from the PCT application(s) that have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate, if the claims are not in the English language;

(4) All the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the claim(s) that have novelty, inventive step, and industrial applicability in the PCT application(s);

(5) Examination of the U.S. application has not begun;

(6) Applicant must submit a copy of the latest international work product from the PCT application indicating that the claim(s) have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate if the latest international work product is not in the English language;

(7) Applicant must submit an IDS listing the documents cited by the PCT examiner in the international work product along with copies of documents except U.S. patents or U.S. patent application publications.

The request to participate in the PCT-PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Diane Goodwyn at (571) 272-6735.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application is being forwarded to Technology Center AU 3776 for action on the merits commensurate with this decision.

Thurman K. Page

David Bucci
Petitions Examiner
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
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NEUSTEL LAW OFFICES, LTD.
2534 SOUTH UNIVERSITY DRIVE
SUITE 4
FARGO ND 58103

MAILED
FEB 21 2012
OFFICE OF PETITIONS

In re Application of:
DOTY, Dale E.
Application No.: 13/290,422
Filing Date: November 7, 2011
Attorney Docket No.: DOTY-001

DECISION ON PETITION
TO MAKE SPECIAL UNDER
37 CFR 1.102(c)(1)

This is a decision on the petition to make special under 37 CFR 1.102(c)(1), filed February 6, 2012, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. Applicant may also submit a statement from a registered practitioner that he or she has evidence that the applicant is 65 years of age or older. No fee is required

The instant petition includes a statement from the applicant, Dale E. Doty, who signed a statement indicating that said applicant is 65 years of age or older as required under MPEP § 708.02. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Brian W. Brown at (571) 272-5338.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Brian W. Brown
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: KEE11303	Application Number (if known):	Filing date: November 7, 2011

First Named Inventor: Bryan Kime Youngs

Title: Articulating Footwear Sole

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /John D. Russell/	Date November 7, 2011
Name (Print/Typed) John D. Russell	Registration Number 47048

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	:	Bryan Kime Youngs
Filed	:	Herewith
Title	:	Articulating Footwear Sole
Group Art Unit	:	Not yet assigned
Confirmation No.	:	Not yet assigned
Docket No.	:	KEE11303

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on:

November 7, 2011	/Katherine D. Gardner/
Date	Katherine D. Gardner

STATEMENTS OF SPECIAL STATUS

Applicants respectfully request consideration of the following statement concerning the basis for the special status as well as the following statement pertaining to the materiality standard.

I. Statement concerning the basis for special status.

Applicants submit that special status is sought on the following basis: the claimed invention materially enhances the quality of the environment.

II. Statement pertaining to the materiality standard.

As a preliminary matter, Applicants note that the following statement refers explicitly to the elements of independent claim 1, which is the broadest claim in many respects.

Applicants submit that the claimed invention materially enhances the quality of the environment by reducing the release of volatile organic compounds generated in footwear construction, which can negatively impact the quality of the environment. As explained in the Background and Summary of the subject application, footwear construction commonly uses solvent-based adhesives to bond various components together and to improve the performance and aesthetics of the product. For example, solvent-based adhesives may be present in the footbed, the outsole, the midsole, the

insole, and further may attach the aforementioned components to one another. Solvent-based adhesives may include polyurethane and polychloroprene adhesives, as well as various other organic solvents.

When used in footwear construction, solvent-based adhesives can emit volatile organic compounds (VOCs), which can produce indoor and/or outdoor air pollution and thus degrade the quality of the environment. In addition to emissions generated during the application and/or curing processes, any excess adhesive (e.g., scrap) may also be considered environmental waste, also negatively impacting the quality of the environment.

Solvent-based adhesives are frequently used in constructing "minimalist" or any type of shoes, where adhesives bond a protective plate into the sole to provide impact protection to the wearer's foot from rocks and other debris that may be on the surface of travel.

However, using solvent-based adhesive to bond a protective plate to a midsole in shoes, and in particular a "minimalist" type shoes, can negatively impact the quality of the environment during construction. The adhesive may also be costly and involve significant additional material handling requirements due to potential environmental impacts.

The claimed invention addresses this issue by providing an articulating footwear sole free of adhesive. For example, claim 1 recites:

> An articulating footwear sole, comprising:
> a midsole having a recess; and
> a first plate having a first end interlocking with a second end of a second plate, the first and second plates positioned within the recess and held in place free of adhesive.

Thus, an articulating footwear sole includes a midsole having a recess, with first and second plates positioned within the plate recess and held in place free of adhesive. The reduction in adhesives enables footwear incorporating the sole to be constructed with lower release of VOCs, while the above structure still provides flexibility and protection from rocks and other debris that may be encountered on the ground. In this way, release of VOCs are reduced and the quality of the environment may be enhanced.

Please charge any cost incurred in this filing, along with any other costs, to Deposit Account No. 503397.

Respectfully submitted,

ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP

/John D. Russell/
John D. Russell
Registration No. 47,048
Customer No. 50488
Attorney for Assignee
806 S.W. Broadway, Suite 600
Portland, Oregon 97205
Telephone: (503) 459-4141
Facsimile: (503) 459-4142

UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/290,681	11/07/2011	Bryan Kime Youngs	KEE11303	2246

50488 7590 12/13/2011

ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP
806 SW BROADWAY
SUITE 600
PORTLAND, OR 97205-3335

EXAMINER	
ART UNIT	PAPER NUMBER
3728	

MAIL DATE	DELIVERY MODE
12/13/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP
806 SW BROADWAY
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In re Application of
YOUNGS, BRYAN KIME
Application No. 13/290,681
Filed: Nov. 7, 2011
Attorney Docket No. KEE11303

: DECISION ON PETITION
: TO MAKE SPECIAL UNDER
: THE GREEN TECHNOLOGY
: PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed Nov. 7, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **dismissed**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

If reconsideration of this decision is desired, a petition for reconsideration must be filed within ONE (1) MONTH OR THIRTY (30) DAYS from the mail date of this decision, whichever is longer. No extension of this time limit can be granted under 37 CFR 1.136(a) or (b). The petition for reconsideration should include an exhaustive attempt to provide the lacking item(s) noted below, since, after a decision on the petition for reconsideration, no further reconsideration or review of the matter will be undertaken by the Director.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii)

greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived. The petition lacks item # 4.

In regard to item 4, petitioner should note that the instant petition includes a statement identifying the basis for the special status (i.e., whether the instant invention (1) materially enhances the quality of the environment or materially contributes to (2) development of renewable energy resources or energy conservation, or (3) greenhouse gas reduction) as required by sections II and III of the notice. However, as stated in the notice, applicant must also provide a statement pertaining to the materiality standard if the application disclosure is not clear on its face as to the materiality of the basis for the special status of the invention. This petition lacks such a statement and it is not agreed that the application on its face meets that materiality standard. Petitioner states that the claimed footwear relates to green technology. This is not convincing. For example, it is not clear how the claimed "first plate having a first end interlocking with a second end of a second plate, the first and second plates positioned within the recess of the midsole and held in place free of adhesive" will provide and enhance the quality of the environment or contribute to development of renewable energy resources or energy conservation or greenhouse gas reduction.

Any reconsideration of this decision should be submitted through the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Telephone inquiries concerning this decision should be directed to Henry C. Yuen at 571-272-4856. The application will be forwarded to the Technology Center Art Unit 3728 for action in its regular turn.

/Henry C. Yuen/

Henry C. Yuen
Quality Assurance Specialist
Technology Center 3700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	: Bryan Kime Youngs
Application No.	: 13/290,681
Filed	: November 7, 2011
Title	: ARTICULATING FOOTWEAR SOLE
Group Art Unit	: 3765
Examiner	: Khoa D. Huynh
Confirmation No.	: 2246
Docket No.	: KEE11303

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being transmitted via the U.S. Patent and Trademark Office electronic filing system (EFS-Web) to the USPTO on:

January 3, 2012	/Katherine D. Gardner/
Date	Katherine D. Gardner

REQUEST FOR RECONSIDERATION

Responsive to the denial of Applicant's Petition Under 37 CFR 1.102, filed November 7, 2011, Applicant respectfully requests consideration of the following statement explaining how the materiality standard is met to satisfy requirement #4.

Statement of Facts

1. Applicant filed a Petition Under 37 CFR 1.102 on November 7, 2011 (hereinafter referred to as "the Petition"), to make the subject application special under the pilot program for applications pertaining to Green Technologies.
2. In a Decision on Petition mailed December 13, 2011 (hereinafter referred to as "the Decision"), the Petition was dismissed as lacking item #4, *i.e.*, failing to include a

statement pertaining to the materiality standard. As best understood by Applicant, the statement pertaining to the materiality standard included in the Petition was not accepted as the Office requires clarification on how the invention as claimed meets the materiality standard.

3. By way of this Request for Reconsideration, Applicant provides a revised statement pertaining to the materiality standard.

Basis of the Petition

The Decision dismissed the Petition on the grounds that item #4 of the qualifications for special status (i.e., demonstration that the materiality standard has been met) is lacking from the Petition. Specifically, the Decision states that:

> convincing. For example, it is not clear how the claimed "first plate having a first end interlocking with a second end of a second plate, the first and second plates positioned within the recess of the midsole and held in place free of adhesive" will provide and enhance the quality of the environment or contribute to development of renewable energy resources or energy conservation or greenhouse gas reduction.

Petitioner finds it hard to understand the above statement when there is substantial evidence of record describing how the claimed "first plate having a first end interlocking with a second end of a second plate … positioned within the recess of the midsole and held in place free of adhesive" enhances the quality of the environment.

First, a statement explaining how the materiality standard is met by the subject application was filed on November 7, 2011. In the statement, Applicant demonstrated that the claimed invention materially enhances the quality of the environment by reducing the release of volatile organic compounds generated in footwear construction, which negatively impact the quality of the environment. Specifically, Applicant pointed out that the interlocking plates positioned as set forth in claim 1 enables the plates to operate and be held in place without using adhesives – the lack of adhesives being *explicitly claimed*. As the adhesive is the emission source of the volatile organic compounds (VOCs) known to produce indoor and/or outdoor air pollution

and thus degrade the quality of the environment, the reduction in adhesives using the footwear sole of the claimed invention necessarily enhances the quality of the environment. In fact, claim 1 goes so far as to specify that first and second plates are held in place "free of adhesive" and thus undoubtedly reduce VOCs.

Second, the above-described environmental benefit of the claimed feature is also explained in the Background and Summary of the subject application as originally filed. For example, paragraphs [0002] and [0005] of the subject application describe the environmental impacts of adhesives commonly used in footwear construction, and describe how the claimed invention reduces the use of these adhesives and thus reduces the negative impacts on the environment.

The Decision cites no evidence to the contrary and provides no scientific reasoning that opposes the Petition's explanation, but rather appears to simply ignore all of the above evidence in the record in contravention of the Administrative Procedure Act. It simply cannot be said that Petitioner has not explained how explicit claimed elements improve the quality of the environment. A proper review shows that Petitioner has meticulously spelled out, with great clarity, exactly how the claimed elements contribute to the quality of the environment. There should be no doubt of this fact.

Further, Petitioner notes that the claimed invention is precisely the type of invention the pilot program for applications pertaining to Green Technologies was meant to address. Inventions that reduce the use of adhesives, especially in something as ubiquitous as footwear, can have a major impact on the environment. The approach of claim 1 of the subject application provides an approach that directly, and explicitly, reduces the use of adhesives in order to improve the quality of the environment.

In conclusion, Petitioner submits the subject application meets the requirements of qualifying for special status. The evidence of record shows that Petitioner has provided a detailed explanation showing how the claimed invention enhances the quality of the environment, and

there is no evidence to the contrary. The evidence of record demonstrates that the materiality standard has been met.

Request for Relief

For the above reasons, Applicant respectfully requests reconsideration of the Petition Under 37 CFR 1.102, filed November 7, 2011, to make the subject application special under the pilot program for applications pertaining to Green Technologies.

Please charge any cost incurred in the filing of this Request for Reconsideration, along with any other costs, to Deposit Account No. 503397.

Respectfully submitted,

ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP

/John D. Russell/
John D. Russell
Registration No. 47,048
Customer No. 50488
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806 S.W. Broadway, Suite 600
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Facsimile: (503) 459-4142

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/290,681	11/07/2011	Bryan Kime Youngs	KEE11303	2246

50488 7590 02/01/2012

ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP
806 SW BROADWAY
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EXAMINER	
HUYNH, KHOA D	
ART UNIT	**PAPER NUMBER**
3765	

MAIL DATE	DELIVERY MODE
02/01/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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2/1/12

In re Application of	:	
Youngs	:	DECISION ON PETITION
Application No. 13/290,681	:	TO MAKE SPECIAL UNDER
Filed: 11/7/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **KEE11303**	:	PILOT PROGRAM

This is a decision on the request for reconsideration, filed 1/3/2012, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 3765 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

PATENT
05144-P0051A WWW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants	Filippo Chimento, *et al.*
Application No.	Filing Date: November 7, 2011
Title of Application:	Method And Arrangement To Determine The Cell Capacitor Voltage Of A Cell Of A Multi-Cell Power Converter

Mail Stop Amendment
Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

Request To Participate In Patent Prosecution Highway (PPH)

Filed herewith is form PTO/SB/20PCT-EP requesting participation in the PPH program and petitioning to make special the present U.S. Patent Application.

The present U.S. Patent Application is a continuation of, and claims priority from, PCT application PCT/EP2009/055524, filed on May 7, 2009. Applicant seeks accelerated examination under the PPH Program because corresponding claims in the PCT application have been found patentable in a Written Opinion (WO) issued by the European Patent Office.

Filed herewith is a copy of the WO dated February 1, 2010, indicating that claims 1-16 were found to have novelty, inventive step and industrial applicability. Also filed herewith is a copy of claims 1-16 from PCT/EP2009/055524 publication WO 2010/127699.

The references cited in the ISR are submitted to the Office in an IDS filed herewith.

The claims of the present U.S. Patent Application have been amended to conform with U.S. claim format requirements. All claims correspond to claims found patentable in the WO and are believed to have similar or more limited scope, as shown in the claims correspondence table in form PTO/SB/20PCT-EP.

Applicant's request to participate in the Patent Prosecution Highway and petition to make special is believed to be in condition for granting and a favorable decision is hereby requested.

Applicant believes that no fee is due in connection with the filing of this request. However, if any fee is due, please charge Deposit Account No. 19-4516.

Respectfully submitted,

/Wesley W. Whitmyer, Jr./

November 7, 2011

Wesley W. Whitmyer, Jr., Registration No. 33,558
Attorney for Applicants
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PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

see form PCT/ISA/220

PCT

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43*bis*.1)

Date of mailing
(day/month/year) see form PCT/ISA/210 (second sheet)

Applicant's or agent's file reference
see form PCT/ISA/220

FOR FURTHER ACTION
See paragraph 2 below

International application No.	International filing date *(day/month/year)*	Priority date *(day/month/year)*
PCT/EP2009/055524	07.05.2009	

International Patent Classification (IPC) or both national classification and IPC
INV. H02M7/49

Applicant
ABB TECHNOLOGY AG

1. This opinion contains indications relating to the following items:

   - ☒ Box No. I Basis of the opinion
   - ☐ Box No. II Priority
   - ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
   - ☐ Box No. IV Lack of unity of invention
   - ☒ Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
   - ☐ Box No. VI Certain documents cited
   - ☐ Box No. VII Certain defects in the international application
   - ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

   If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notifed the International Bureau under Rule 66.1*bis*(b) that written opinions of this International Searching Authority will not be so considered.

   If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

   For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

ROA
2010-05-01
2011-03-07

Name and mailing address of the ISA:	Date of completion of this opinion	Authorized Officer
European Patent Office P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk - Pays Bas Tel. +31 70 340 - 2040 Fax: +31 70 340 - 3016	see form PCT/ISA/210	Gentili, Luigi Telephone No. +31 70 340-2872

Box No. I Basis of the opinion

1. With regard to the **language**, this opinion has been established on the basis of:

   ☒ the international application in the language in which it was filed

   ☐ a translation of the international application into , which is the language of a translation furnished for the purposes of international search (Rules 12.3(a) and 23.1 (b)).

2. ☐ This opinion has been established taking into account the **rectification of an obvious mistake** authorized by or notified to this Authority under Rule 91 (Rule 43bis.1(a))

3. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

   a. type of material:

      ☐ a sequence listing

      ☐ table(s) related to the sequence listing

   b. format of material:

      ☐ on paper

      ☐ in electronic form

   c. time of filing/furnishing:

      ☐ contained in the international application as filed.

      ☐ filed together with the international application in electronic form.

      ☐ furnished subsequently to this Authority for the purposes of search.

4. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

5. Additional comments:

Box No. V Reasoned statement under Rule 43*bis*.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Yes:	Claims	1-16
	No:	Claims	
Inventive step (IS)	Yes:	Claims	1-16
	No:	Claims	
Industrial applicability (IA)	Yes:	Claims	1-16
	No:	Claims	

2. Citations and explanations

see separate sheet

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

Reference is made to the following document:

D1 US 7 230 837 B1 (HUANG QIN [US] ET AL) 12 June 2007 (2007-06-12)

D1 is regarded as being the closest prior art to the subject-matter of claim1, and discloses a method to determine a cell capacitor voltage value (E_{A3},E_{A2},E_{A1}, see also column 9 lines 61-65) of a cell (HB_{A3},HB_{A2},HB_{A1}) of a multi-cell power converter (CMC), where the cell comprises

- four power electronic valves (see fig. 5) interconnected as a full-bridge converter having a first and a second phase leg, where each phase leg comprises a series connection of two of the four power electronic valves and where the connection point between the two power electronic valves of each phase leg is externally connectable

(all these features are shown in fig. 5, where the switches, although schematically depicted as mechanical switches, are power electronic valves, as stated in column 1 line 8)

- a cell capacitor (C) being connected in parallel to the first and the second phase legs, and

- four gate units , each being connected to a corresponding one of the power electronic valves (gate units are not explicitly mentioned in D1, but they are obviously present to drive the power electronics valves)

The subject-matter of claim 1 therefore differs from this known method in that

- across each of the power electronic valves a continuous voltage measurement is taken by the corresponding gate unit (16-19), and

- the cell capacitor voltage value (Ud) is determined based on at least one of the continuous voltage measurements

and is therefore new (Article 33(2) PCT).

The problem to be solved by the present invention may be regarded as: simplifying the procedure to obtain the capacitor voltage.

The solution to this problem proposed in claim 1 of the present application is considered as involving an inventive step (Article 33 (3) PCT) for the following reasons: D1 does not suggest to use gate units which are adapted to take continuous voltage measurements across the corresponding electronic valves, when momentarily switched off, and even if the skilled person would choose such kind of gate units, he would have no hint to use such voltage measurements to derive the capacitor voltage.

Independent device claim 12 is also considered new and inventive for the same reasons, mutatis mutandis, already given for claim 1.

Claims 2-11 and 13-16 are dependent on claims 1 and 12, respectively, and as such also meet the requirements of the PCT with respect to novelty and inventive step.

Possible steps after receipt of the international search report (ISR) and written opinion of the International Searching Authority (WO-ISA)

General information	For all international applications filed on or after 01/01/2004 the competent ISA will establish an ISR. It is accompanied by the WO-ISA. Unlike the former written opinion of the IPEA (Rule 66.2 PCT), the WO-ISA is not meant to be responded to, but to be taken into consideration for further procedural steps. This document explains about the possibilities.
Amending claims under Art. 19 PCT	Within 2 months after the date of mailing of the ISR and the WO-ISA the applicant may file amended claims under Art. 19 PCT directly with the International Bureau of WIPO. The PCT reform of 2004 did not change this procedure. For further information please see Rule 46 PCT as well as form PCT/ISA/220 and the corresponding Notes to form PCT/ISA/220.
Filing a demand for international preliminary examination	In principle, the WO-ISA will be considered as the written opinion of the IPEA. This should, in many cases, make it unnecessary to file a demand for international preliminary examination. If the applicant nevertheless wishes to file a demand this must be done before expiry of 3 months after the date of mailing of the ISR/WO-ISA or 22 months after priority date, whichever expires later (Rule 54bis PCT). Amendments under Art. 34 PCT can be filed with the IPEA as before, normally at the same time as filing the demand (Rule 66.1 (b) PCT). If a demand for international preliminary examination is filed and no comments/amendments have been received the WO-ISA will be transformed by the IPEA into an IPRP (International Preliminary Report on Patentability) which would merely reflect the content of the WO-ISA. The demand can still be withdrawn (Art. 37 PCT).
Filing informal comments	After receipt of the ISR/WO-ISA the applicant may file informal comments on the WO-ISA directly with the International Bureau of WIPO. These will be communicated to the designated Offices together with the IPRP (International Preliminary Report on Patentability) at 30 months from the priority date. Please also refer to the next box.
End of the international phase	At the end of the international phase the International Bureau of WIPO will transform the WO-ISA or, if a demand was filed, the written opinion of the IPEA into the IPRP, which will then be transmitted together with possible informal comments to the designated Offices. The IPRP replaces the former IPER (international preliminary examination report).
Relevant PCT Rules and more information	Rule 43 PCT, Rule 43bis PCT, Rule 44 PCT, Rule 44bis PCT, PCT Newsletter 12/2003, OJ 11/2003, OJ 12/2003

BNSDOCID: <XS_____2007040100K_I_>

Bitte beachten Sie, dass angeführte Nichtpatentliteratur (wie z. B. wissenschaftliche oder technische Dokumente) je nach geltendem Recht dem Urheberrechtsschutz und/oder anderen Schutzarten für schriftliche Werke unterliegen könnte. Die Vervielfältigung urheberrechtlich geschützter Texte, ihre Verwendung in anderen elektronischen oder gedruckten Publikationen und ihre Weitergabe an Dritte ist ohne ausdrückliche Zustimmung des Rechtsinhabers nicht gestattet.

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XS CPRTENFRDE

BNSDOCID: <XS____2006100103CF_1_>

CLAIMS

1. Method to determine a cell capacitor voltage value (U_{dc}) of a cell (10'') of a multi-cell power converter (12), where the cell (10'') comprises
   - four power electronic valves (1-4) interconnected as a full-bridge converter having a first (8) and a second (9) phase leg, where each phase leg (8, 9) comprises a series-connection of two (1, 3; 2, 4) of the four power electronic valves and where the connection point (6; 7) between the two power electronic valves of each phase leg is externally connectable,
   - a cell capacitor (5) being connected in parallel to the first (8) and the second (9) phase legs, and
   - four gate units (16-19), each being connected to a corresponding one of the power electronic valves (1-4),
   characterized in that
   - across each of the power electronic valves (1-4) a continuous voltage measurement ($U_{i,off}$; $U_{j,off}$) is taken by the corresponding gate unit (16-19), and
   - the cell capacitor voltage value (U_{dc}) is determined based on at least one of the continuous voltage measurements.

2. Method according to claim 1, where the continuous voltage measurements ($U_{i,off}$; $U_{j,off}$) are taken only while none of the power electronic valves (1, 3; 2, 4) belonging to the same phase leg (8; 9) is in a switching process.

3. Method according to claim 1 or 2, where
   - a first continuous voltage measurement ($U_{i,off}$) is taken by one of the gate units (16, 18) of the first (8) phase leg and a second continuous voltage measurement ($U_{j,off}$) is taken by one of the gate units (17, 19) of the second (9) phase leg, were both ($U_{i,off}$, $U_{j,off}$) are taken simultaneously and while the corresponding power electronic valves (1, 3; 2, 4) are in their open state, and
   - the cell capacitor voltage value (U_{dc}) is determined by choosing one of the first ($U_{i,off}$) or second ($U_{j,off}$) continuous voltage measurements or by calculating an overall average value of the first and the second continuous voltage measurements.

4. Method according to claim 3, where in addition and at the same point in time
- a third continuous voltage measurement is taken by the other one of the gate units of the first phase leg and a fourth continuous voltage measurement is taken by the other one of the gate units of the second phase leg, both while the corresponding power electronic valves are in their closed state and
- the cell capacitor voltage value is determined by choosing one of the sums of either the first and the third or the second and the fourth continuous voltage measurements or by calculating an overall average value of the sums of the first and the third and of the second and the fourth continuous voltage measurements.

5. Method according to claim 3, where
- a first average value of at least two consecutively taken first continuous voltage measurements and a second average value of at least two consecutively taken second continuous voltage measurements are determined, and
- the cell capacitor voltage value is determined by choosing one of the first or second average values or by calculating an overall average value of the first and the second average values.

6. Method according to claims 4 and 5, where
- a third average value of at least two consecutively taken third continuous voltage measurements and a fourth average value of at least two consecutively taken fourth continuous voltage measurements are determined, and
- the cell capacitor voltage value is determined by choosing one of the sums of either the first and the third or the second and the fourth average values or by calculating an overall average value of the sums of the first and the third and of the second and the fourth average values.

7. Method according to any of the previous claims, where from an evaluation of at least two of the continuous voltage measurements ($U_{i,off}$, $U_{j,off}$) a

malfunctioning of one of the four power electronic valves (1-4), such as an undesired short- or open-circuiting of or an overvoltage across the power electronic valve, is recognized.

8. Method according to any of the previous claims, where from an evaluation of at least two of the continuous voltage measurements ($U_{i,off}$, $U_{j,off}$) a malfunctioning of the cell is recognized, such as a commutation failure or a failure of a voltage measurement unit of one of the four gate units.

9. Method according to any of the previous claims, where for each of the power electronic valves (1-4) a discrete level voltage range ($U_{range,i}$; $U_{range,j}$) is determined which defines a voltage range in which the voltage across the corresponding power electronic valve lies and where the continuous voltage measurement ($U_{i,off}$, $U_{j,off}$) for each power electronic valve is compared with its corresponding discrete level voltage range ($U_{range,i}$; $U_{range,j}$).

10. Method according to claim 9, where in case it is detected that at least one of the continuous voltage measurements ($U_{i,off}$, $U_{j,off}$) lies outside its corresponding discrete level voltage range ($U_{range,i}$; $U_{range,j}$), that at least one of the continuous voltage measurements is disregarded when determining the cell capacitor voltage value (U_{dc}).

11. Method according to claim 10, where in case it is detected that the continuous voltage measurements of the two gate units of one phase leg lie outside their corresponding discrete level voltage ranges, the cell is declared to be a faulty cell.

12. Arrangement to determine a cell capacitor voltage value (U_{dc}) of a cell (10") of a multi-cell power converter (12), where the arrangement comprises the cell (10") and a control unit (28), the cell (10") comprising
- four power electronic valves (1-4) interconnected as a full-bridge converter having a first (8) and a second (9) phase leg, where each phase leg comprises a series-connection of two (1, 3; 2, 4) of the four power electronic valves and

where the connection point (6; 7) between the two power electronic valves of each phase leg is externally connectable,

- a cell capacitor (5) being connected in parallel to the first (8) and the second (9) phase legs, and
- four gate units (16-19), each being connected to a corresponding one of the power electronic valves (1-4) as well as to the control unit (28),

characterized in that

- each of the four gate units (16-19) comprises a voltage measurement unit (24-27) adapted to take a continuous voltage measurement ($U_{i,off}$, $U_{j,off}$) across the corresponding power electronic valve,
- each of the four gate units (16-19) is adapted to transmit its continuous voltage measurement ($U_{i,off}$; $U_{j,off}$), and
- the control unit (28) is adapted to receive from each of the four gate units (16-19) its continuous voltage measurement ($U_{i,off}$; $U_{j,off}$) and to determine the cell capacitor voltage value (U_{dc}) based on at least one of these voltage measurements ($U_{i,off}$; $U_{j,off}$).

13. Arrangement according to claim 12, where each of the four gate units (16-19) is adapted to generate and transmit its continuous voltage measurement ($U_{i,off}$; $U_{j,off}$) on a request received from the control unit (28).

14. Arrangement according to claims 12 or 13, where the control unit (28) is adapted to receive the continuous voltage measurements ($U_{i,off}$; $U_{j,off}$) from the gate units (16-19) at regular time intervals.

15. Arrangement according to any of claims 12 to 14, where the gate units (16-19) are connected to the control unit (28) via an electrically isolated communication link, in particular at least one optical fibre line (20a-23a; 20b-23b).

16. Arrangement according to any of claims 12 to 14, where the control unit (28) and each of the four gate units (16-19) are adapted to interactively perform the method according to any of claims 2 to 11.

Doc Code: PPH.PCT.652
Document Description: Petition to make special under PCT-Patent Pros Hwy

PTO/SB/20PCT-EP (05-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PATENT COOPERATION TREATY - PATENT PROSECUTION HIGHWAY (PCT-PPH) PILOT PROGRAM BETWEEN THE EUROPEAN PATENT OFFICE (EPO) AND THE USPTO

Application No:	Pending	Filing date:	November 7, 2011
First Named Inventor:	Filippo Chimento		
Title of the Invention:	Method And Arrangement To Determine The Cell Capacitor Voltage Of A Cell Of A Multi-Cell Power Converter		

THIS REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM ALONG WITH THE REQUIRED DOCUMENTS MUST BE SUBMITTED VIA EFS-WEB. INFORMATION REGARDING EFS-WEB IS AVAILABLE AT HTTP://WWW.USPTO.GOV/EBC/EFS_HELP.HTML

APPLICANT HEREBY REQUESTS PARTICIPATION IN THE PCT-PPH PROGRAM AND PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE PCT-PPH PROGRAM.

The above-identified application is (1) a national stage entry of the corresponding PCT application, or (2) a national stage entry of another PCT application which claims priority to the corresponding PCT application, or (3) a national application that claims domestic/ foreign priority to the corresponding PCT application, or (4) a national application which forms the basis for the priority claim in the corresponding PCT application, or (5) a continuing application of a U.S. application that satisfies one of (1) to (4) above, or (6) a U.S. application that claims domestic benefit to a U.S. provisional application which forms the basis for the priority claim in the corresponding PCT application.

The corresponding PCT application number(s) is/are: PCT/EP2009/055524

The international filing date of the corresponding PCT application(s) is/are: May 7, 2009

I. List of Required Documents:

a. **A copy of the latest international work product (WO/ISA, WO/IPEA, or IPER) in the above–identified corresponding PCT application(s)**

☒ Is attached

☐ Is not attached because the document is already in the U.S. application.

b. **A copy of all claims which were indicated as having novelty, inventive step and industrial applicability in the above-identified corresponding PCT application(s).**

☒ Is attached.

☐ Is not attached because the document is already in the U.S. application.

c. **English translations of the documents in a. and b. above are attached (if the documents are not in the English language). A statement that the English translation is accurate is attached for the document in b. above.**

This collection of information is required by 35 U.S.C. 119, 37 CFR 1.55, and 37 CFR 1.102(d). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

PTO/SB/20PCT-EP (05-10)
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REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM BETWEEN THE EPO AND THE USPTO

(continued)

Application No.:	Pending
First Named Inventor:	Filippo Chimento

d. **(1) An information disclosure statement listing the documents cited in the international work products (ISR, WO/ISA, WO/IPEA, IPER) of the corresponding PCT application.**

☒ Is attached

☐ Has already been filed in the above-identified U.S. application on _____

(2) Copies of all documents (except) for U.S. patents or U.S. patent application publications)

☒ Are attached.

☐ Have already been filed in the above-identified U.S. application on _____

II. Claims Correspondence Table:

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
1	1	Corresponding claim (same)
2	2	Corresponding claim (same)
3	3	Corresponding claim (single dependency)
4	4	Corresponding claim (same)
5	5	Corresponding claim (same)
6	6	Corresponding claim (single dependency)
7	7	Corresponding claim (single dependency)
8	8	Corresponding claim (single dependency)
9	9	Corresponding claim (single dependency)
10	10	Corresponding claim (same)
11	11	Corresponding claim (same)
12	12	Corresponding claim (same)
13	13	Corresponding claim (same)
14	14	Corresponding claim (single dependency)
15	15	Corresponding claim (single dependency)
16	16	Corresponding claim (single dependency)

III. All the claims in the US application sufficiently correspond to the patentable claims in the corresponding PCT application.

Signature /Wesley W. Whitmyer, Jr./	Date November 7, 2011
Name (Print/Typed) Wesley W. Whitmyer, Jr.	Registration Number 33,558

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/290,682	11/07/2011	Filippo Chimento	05144-P0051A	9962

24126 7590 11/22/2011

ST. ONGE STEWARD JOHNSTON & REENS, LLC
986 BEDFORD STREET
STAMFORD, CT 06905-5619

EXAMINER	
ART UNIT	PAPER NUMBER
2611	

MAIL DATE	DELIVERY MODE
11/22/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
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ST. ONGE STEWARD JOHNSTON & REENS, LLC
986 BEDFORD STREET
STAMFORD CT 06905-5619

In re Application of
CHIMENTO et al.
Application No.: 13/290,682
Filed: 07 November 2011
Attorney Docket No.: 05144-P0051A
For: METHOD AND ARRANGEMENT TO DETERMINE THE CELL CAPACITOR VOLTAGE OF A CELL OF A MULTI-CELL POWER CONVERTER

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the PCT Patent Prosecution Highway (PCT-PPH) pilot program and the petition under 37 CFR 1.102(a), filed on 07 November 2011, to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PCT-PPH pilot program and petition to make special require:

(1) The U.S. application must have an eligible relationship to one or more PCT applications where the ISA or IPEA are the JPO, EPO, KIPO, NPI, NBPR, or USPTO;

(2) At least one claim in the PCT application has novelty, inventive step, and industrial applicability and must be free of any observations in Box VIII in the latest work product in the international stage or applicant must identify and explain why the claim(s) is/are not subject to the observation in Box VIII;

(3) Applicant must submit a copy of the claim(s) from the PCT application(s) that have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate, if the claims are not in the English language;

(4) All the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the claim(s) that have novelty, inventive step, and industrial applicability in the PCT application(s);

(5) Examination of the U.S. application has not begun;

(6) Applicant must submit a copy of the latest international work product from the PCT application indicating that the claim(s) have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate if the latest international work product is not in the English language;

(7) Applicant must submit an IDS listing the documents cited by the PCT examiner in the international work product along with copies of documents except U.S. patents or U.S. patent application publications.

The request to participate in the PCT-PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to Lee W. Young at 571-272-4549.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application will be forwarded to the examiner for action on the merits commensurate with this decision once this application's formality reviews have been completed.

Lee W. Young
Quality Assurance Specialist
Technology Center 2600

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 1116.01	Application Number (if known):	Filing date: November 8, 2011

First Named Inventor: STITES

Title: DIMETHYL ETHER FUEL COMPOSITIONS AND USES THEREOF

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: STATEMENT FOR GREEN TECHNOLOGY PILOT PROGRAM

Signature /Ryan P. O'Connor/	Date November 8, 2011
Name (Print/Typed) Ryan P. O'Connor	Registration Number 56693

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/291,107	11/08/2011	Ronald C. STITES	1116.01	5311

73747 7590 12/15/2011

Ryan P. OConnor, Ph.D.
Range Fuels, Inc.
PO Box 580
Minnetrista, MN 55364-0580

EXAMINER	
ART UNIT	PAPER NUMBER
1771	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

IP@RangeFuels.com
RPO@oconnorcompanypllc.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Ryan P. OConnor, Ph.D.
Range Fuels, Inc.
PO Box 580
Minnetrista MN 55364-0580

12/15/2011

In re Application of :
Stites et al. :
Application No. 13/291,107 :
Filed: 11/8/2011 :
Attorney Docket No. **1116.01** :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/7/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1771 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 251919-1	Application Number (if known): 13/291236	Filing date: 11-8-11
First Named Inventor: Andreas Starke		
Title: METHODS OF MANUFACTURING TOOLING STRUCTURES		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement Concerning the Basis for the Special Status

Signature /Allison W. Mages/	Date 12-21-2011
Name (Print/Typed) Allison W .Mages	Registration Number 57,275

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature see below*.*

☐ *Total of ..... forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
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Instruction Sheet for Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111 (a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/291,236	11/08/2011	Andreas Gehard Walter Starke	251919	8634

7788 7590 01/06/2012

GE ENERGY GENERAL ELECTRIC
C/O ERNEST G. CUSICK
ONE RIVER ROAD, BLD. 43, ROOM 225
SCHENECTADY, NY 12345

EXAMINER	
ART UNIT	PAPER NUMBER
1745	

MAIL DATE	DELIVERY MODE
01/06/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
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1/6/12

GE ENERGY GENERAL ELECTRIC
C/O ERNEST G. CUSICK
ONE RIVER ROAD, BLD. 43, ROOM 225
SCHENECTADY NY 12345

In re Application of	:	
Starke	:	DECISION ON PETITION
Application No. 13/291,236	:	TO MAKE SPECIAL UNDER
Filed: 11/8/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **251919**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 12/21/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **DISMISSED**.

If reconsideration of this decision is desired, a petition for reconsideration must be filed within ONE (1) MONTH OR THIRTY (30) DAYS from the mail date of this decision, whichever is longer. No extension of this time limit can be granted under 37 CFR 1.136(a) or (b). The petition for reconsideration should include an exhaustive attempt to provide the lacking item(s) noted below, since, after a decision on the petition for reconsideration, no further reconsideration or review of the matter will be undertaken by the Director.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by

a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The petition lacks item(s) 4.

In regard to item 4, petitioner should note that the instant petition includes a statement identifying the basis for the special status (i.e., whether the instant invention (1) materially enhances the quality of the environment or materially contributes to (2) development of renewable energy resources or energy conservation, or (3) greenhouse gas reduction) as required by sections II and III of the notice. However, as stated in the notice, applicant must also provide a statement pertaining to the materiality standard if the application disclosure is not clear on its face as to the materiality of the basis for the special status of the invention. It is not agreed that the application on its face meets that materiality standard.

Applicants argue that the instant invention relates to tooling structures and more specifically, to methods of manufacturing tooling structures for tooling fiber reinforced plastic components such as rotor blades for wind turbines. The instant claims however are merely directed to a method of manufacturing a tooling structure for tooling a fiber reinforced plastic component and to a tooling structure for tooling a fiber reinforced plastic component. There is no mention of rotor blades for wind turbines in the instant claims.. The materiality standard does not permit an applicant to speculate how an end user might specifically apply the invention in a manner that could materially contribute to (1) materially enhancing the quality of the environment or materially contributing to (2) development of renewable energy resources or energy conservation, or (3) greenhouse gas reduction.

Any reconsideration of this decision should be submitted through the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen.

Telephone inquiries concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1745 for action in its regular turn.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Andreas Starke	)
Confirmation No.: 8634	)
	)
Serial No.: 13/291236	)
	)
Filing Date: November 8, 2011	)
	)
Atty Docket No.: 251919	)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Request for Reconsideration

SIR:

This is responsive to the Decision on Petition, dated as mailed 6 January 2012, in the above-referenced application.

Applicant respectfully requests reconsideration of Applicant's Petition to Make Special on the basis that the present invention materially contributes to the development of renewable energy resources or energy conservation.

The Decision to Make Special Under the Green Technology Pilot Program (hereinafter "the Decision") alleges that, the instant claims are merely directed to a method of manufacturing a tooling structure for tooling fiber reinforced plastic component and that there is no mention of rotor blades for wind turbines in the claims. The Decision implies that Applicant speculates as to how an end-user might specifically apply the invention in a manner that could materially contribute to (1) materially enhancing the quality of the environment or materially contributing to (2) development of renewable energy resources of energy conservation, or (3) greenhouse gas reduction. Applicant does not agree with the comments made in the Decision.

Applicant respectfully submits that the use of the claimed invention to tool rotor blades for wind turbines, and thus the present invention's material contribution to the development of renewable energy resources or energy conservation, is not merely speculative. As stated in the present application, the methods and tooling structures disclosed herein can be utilized in the manufacturing of one or more wind turbine components including, but not limited to, rotor blades, nacelles or spinners. (see at least paragraph [0020]). Further, Figure 1 is a perspective view of a wind turbine and Figures 6-8 are perspective views of a rotor blade tooling structure. As such, Applicant respectfully submits that use of the claimed invention to tool rotor blades for wind turbines is not a speculative use.

Applicant respectfully submits that the subject matter disclosed herein relates to tooling structures and, more specifically, to methods of manufacturing tooling structures for tooling fiber reinforced plastic components such as rotor blades for wind turbines. (see at least paragraph [0002]).

Components comprising fiber reinforced plastics can be utilized in a variety of different fields for a variety of applications. One such example includes wind power. Wind power is considered one of the cleanest, most environmentally friendly energy sources presently available, and wind turbines have gained increased attention in this regard. A wind turbine can include a tower, generator, gearbox, nacelle, and one or more rotor blades comprising a composite material. The rotor blades capture kinetic energy from wind using known foil principles and transmit the kinetic energy through rotational energy to turn a shaft coupling the rotor blades to a gearbox, or if a gearbox is not used,

directly to the generator. The generator then converts the mechanical energy to electrical energy that may be deployed to a utility grid. (see at least paragraph [0003]). While wind power is considered one of the cleanest, most environmentally friendly energy sources presently available, the availability of wind energy as a viable power generating option heavily depends on the cost/benefit economics of wind energy. As such, it is important that the cost of producing the energy, including the manufacturing and maintenance costs, cannot outweigh the benefits.

In manufacturing the composite based rotor blades, specialized tooling and/or molds may be required. For example, the rotor blade halves of a conventional rotor blade can be formed in large rotor blade molds that are custom made for the particular size and shape of the rotor blade being produced. Accordingly, new rotor blade molds must be purchased or otherwise made for each rotor blade size and shape being produced, which greatly increases the productions costs of rotor blades. In addition, the rotor blade molds themselves may be manufactured from rotor blade plugs requiring an even additional level of manufacturing for each type of rotor blade to be produced. However, manufacturing rotor blade plugs and rotor blade molds, as wells as other composite material based structures, can become costly as they can require significant customization of expensive and labor intensive materials. (see at least paragraph [0004]).

Methods of manufacturing tooling structures and the tooling structures derived from such methods are disclosed in the present application. The methods and tooling structures can be applied to the manufacturing of any fiber

reinforced plastic component. For example, the methods and tooling structures disclosed herein can be utilized in the manufacturing of one or more wind turbine components including, but not limited to, rotor blades, nacelles or spinners. As such, the methods and tooling structures disclosed herein can be utilized in the more efficient utilization and conservation of energy resources, such as by promoting the more efficient production and application of key components of wind turbines, to materially enhance the quality of the environment by contributing to the restoration or maintenance of the basic life-sustaining natural elements. (see at least paragraph [0021]).

Generally, a plurality of tooling blocks comprising filler material and reinforcing structural layers are provided, such as by sectioning of a plurality of tooling blocks from a single tooling block sheet. The plurality of tooling blocks can then be joined in a lengthwise or spanwise direction (i.e., the direction a rotor blade extends) such that the reinforcing structural layers for a plurality of cross-sectional ribs to provide stiffness and/or strength along the spanwise direction. The series of tooling blocks can then be shaped into a rotor blade tooling structure such as a rotor blade plug (which can be used to manufacture a rotor blade mold) or a rotor blade mold itself. (see at least paragraph [0022]).

Tooling blocks comprising filler material and reinforcing structural layers can joined into a series and shaped to more quickly and economically produce various rotor blade tooling structures such as rotor blade plugs and/or rotor blade molds. By joining the tooling blocks into a series, the reinforcing structural layers can act as ribs to provide stiffness and/or strength to a relatively low-cost building

block for a rotor blade tooling structure. These rotor blade tooling structures may thereby contribute to relatively quick and cost effective manufacturing of rotor blades such as those utilized in wind turbines. (see at least paragraph [0043]). By providing a quick and cost effective way to manufacture wind turbine components, embodiments of the present invention reduce the overall costs of manufacturing wind turbine components. This in turn promotes wind energy as a viable power generating option, which further promotes increased production of renewable energy resources and renewable energy.

The undersigned attorney may be contacted at the number below to facilitate the resolution of any matters. Please charge any fees that are incurred in connection with this Statement to deposit account no. 09-0470.

Respectfully submitted,

General Electric Company

By : /Allison W Mages/
Allison Weiner Mages
Reg. No. 57,275

Dated: February 6, 2012

GE Global Patent Operation
2 Corporate Drive, Suite 648
Shelton, CT 06484
203-944-6730

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/291,236	11/08/2011	Andreas Gehard Walter Starke	251919	8634

7788 7590 02/22/2012

GE ENERGY GENERAL ELECTRIC
C/O ERNEST G. CUSICK
ONE RIVER ROAD, BLD. 43, ROOM 225
SCHENECTADY, NY 12345

EXAMINER	
ART UNIT	PAPER NUMBER
1745	

MAIL DATE	DELIVERY MODE
02/22/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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GE ENERGY GENERAL ELECTRIC
C/O ERNEST G. CUSICK
ONE RIVER ROAD, BLD. 43, ROOM 225
SCHENECTADY NY 12345

FEB 2 2 2012

In re Application of	:	
Starke	:	DECISION ON PETITION
Application No. 13/291,236	:	TO MAKE SPECIAL UNDER
Filed: 11/8/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **251919**	:	PILOT PROGRAM

This is a decision on the request for reconsideration, filed 2/6/2012, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009).

The petition is **DENIED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications and be filed prior to the date of the notice, December 8, 2009.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The petition lacks item(s) 4.

In regard to item 4, petitioner should note that the instant petition includes a statement identifying the basis for the special status (i.e., whether the instant invention (1) materially enhances the quality of the environment or materially contributes to (2) development of renewable energy resources or energy conservation, or (3) greenhouse gas reduction) as required by sections II and III of the notice. However, as stated in the notice, applicant must also provide a statement pertaining to the materiality standard if the application disclosure is not clear on its face as to the materiality of the basis for the special status of the invention. It is not agreed that the application on its face meets that materiality standard.

Applicants argue that the methods and tooling structures disclosed in the instant application can be used in the manufacturing of one or more wind turbine components.

Applicant is directed to the original Federal Register Notice (12/8/2009) which states in part under Section I (Requirements): (4) The **claims** must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to : (1) The discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) greenhouse gas emission reduction... (emphasis added)

Applicants are correct that the specification discloses embodiments relating to wind turbine components, however the **claims** are silent with respect to such components. The claims are therefore open to the tooling of any fiber reinforced plastic component which includes other embodiments that are not limited to wind turbine components. The materiality standard does not permit an applicant to speculate how an end user might specifically apply the invention in a manner that could materially contribute to (1) materially enhancing the quality of the environment or materially contributing to (2) development of renewable energy resources or energy conservation, or (3) greenhouse gas reduction.

Any reconsideration of this decision should be submitted through the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen.

Telephone inquiries concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1745 for action in its regular turn.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 256737	Application Number (if known): 13/291244	Filing date: 11-8-11
First Named Inventor: Andreas Starke		
Title: METHODS OF MANUFACTURING ROTOR BLADE TOOLING STRUCTURES FOR WIND TURBINES		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement Concerning the Basis for the Special Status

Signature /Allison W. Mages/	Date 12-21-2011
Name (Print/Typed) Allison W .Mages	Registration Number 57,275

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature see below*.*

☐ *Total of ..... forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Instruction Sheet for Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111 (a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/291,244	11/08/2011	Andreas Gehard Walter Starke	256737	6210

7788 7590 01/06/2012

GE ENERGY GENERAL ELECTRIC
C/O ERNEST G. CUSICK
ONE RIVER ROAD, BLD. 43, ROOM 225
SCHENECTADY, NY 12345

EXAMINER	
ART UNIT	PAPER NUMBER
1745	

MAIL DATE	DELIVERY MODE
01/06/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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1/6/12

GE ENERGY GENERAL ELECTRIC
C/O ERNEST G. CUSICK
ONE RIVER ROAD, BLD. 43, ROOM 225
SCHENECTADY NY 12345

In re Application of	:	
Starke	:	DECISION ON PETITION
Application No. 13/291,244	:	TO MAKE SPECIAL UNDER
Filed: 11/8/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **256737**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 12/21/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1745 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

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MINNEAPOLIS, MN 55402

MAILED
DEC 08 2011
OFFICE OF PETITIONS

In re Application of	:	
James E. Templeton, et. al.	:	DECISION GRANTING STATUS
Application No. 13/291,398	:	UNDER 37 CFR 1.47(a)
Filed: November 8, 2011	:	
Attorney Docket No. 2043.171US4	:	

This is in response to the petition under 37 CFR 1.47(a), filed November 8, 2011.

The petition is **GRANTED**.

Petitioner has shown that the non-signing inventor refuses to join in the filing of the above-identified application.

The application and papers have been reviewed and found in compliance with 37 CFR 1.47(a). This application is hereby accorded Rule 1.47(a) status.

As provided in 37 CFR 1.47(c), this Office will forward notice of this application's filing to the non-signing inventor at the address given in the petition. Notice of the filing of this application will also be published in the Official Gazette.

Telephone inquiries regarding this decision should be directed to the undersigned at (571) 272-3226.

Andrea Smith
Petitions Examiner
Office of Petitions

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Sanjay Bhargava
188 Fleetwood Drive
San Carlos, CA 94070

MAILED

DEC 08 2011

OFFICE OF PETITIONS

In re Application of
James E. Templeton, et. al.
Application No. 13/291,398
Filed: November 8, 2011
For: AUTHORIZING USE OF A FINANCIAL INSTRUMENT

Dear Mr. Bhargava:

You are named as a joint inventor in the above-identified United States patent application, filed under the provisions of 35 U.S.C. 116 (United States Code), and 37 CFR 1.47(a), Rules of Practice in Patent Cases. Should a patent be granted on the application you will be designated therein as a joint inventor.

As a named inventor you are entitled to inspect any paper in the file wrapper of the application, order copies of all or any part thereof (at a prepaid cost per 37 CFR 1.19) or make your position of record in the application. Alternatively, you may arrange to do any of the preceding through a registered patent attorney or agent presenting written authorization from you. If you care to join the application, counsel of record (see below) would presumably assist you. Joining the application would entail the filing of an appropriate oath or declaration by you pursuant to 37 CFR 1.63.

Telephone inquiries regarding this communication should be directed to the undersigned at (571) 272-3226. Requests for information regarding your application should be directed to the File Information Unit at (703) 308-2733. Information regarding how to pay for and order a copy of the application, or a specific paper in the application, should be directed to the Certification Division at (571) 272-3150 or 1 (800) 972-6382 (outside the Washington, DC area).

Andrea Smith
Petitions Examiner
Office of Petitions

cc: SCHWEGMAN, LUNDBERG & WOESSNER/EBAY
P.O. BOX 2938
MINNEAPOLIS, MN 55402

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MINNEAPOLIS MN 55402

MAILED
DEC 12 2011
OFFICE OF PETITIONS

In re Application of	:	
Templeton, et al.	:	
Application No. 13/291,412	:	DECISION ACCORDING STATUS
Filed: November 8, 2011	:	UNDER 37 CFR 1.47(a)
Attorney Docket No. 2043.171US5	:	

This is in response to the petition under 37 C.F.R. § 1.47(a), filed November 8, 2011.

The petition under 37 C.F.R. § 1.47(a) is **GRANTED**.

The petition and declaration have been reviewed and determined to be in compliance with 37 C.F.R. § 1.47(b). Specifically, petitioner has included a copy of a decision according Rule 47 application from the parent application.

The application is hereby accorded Rule 47 status.

The application is being forwarded to the Office of Patent Application Processing for pre-examination processing.

Telephone inquiries related to this decision may be directed to the undersigned at (571)272-3207.

Cliff Congo
Petitions Attorney
Office of Petitions

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13/291,549	Confirmation Number	2433	Filing Date	2011-11-08
Attorney Docket Number (optional)	8602/0024PCO1	Art Unit	3764	Examiner	Lewin, Allana
First Named Inventor	Alden M. Mills				
Title of Invention	EXERCISE DEVICE				

Attention: Office of Petitions

An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
STEPHEN	G.	HAUSER	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

● (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Matthew J. Lattig/	Date (YYYY-MM-DD)	2011-11-08
Name	Matthew J. Lattig	Registration Number	45274

PTO/SB/130 (07-09)
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Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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United States Patent and Trademark Office
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Alexandria, VA 22313-1450
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In re Application of
Alden M. Mills

Application No. 13291549

Filed:

Attorney Docket No. 8602/0024PCO1

:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 08-NOV-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

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NEW YORK NY 10019

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JAN 06 2012

OFFICE OF PETITIONS

In re Application of
Andrea, et al.
Application No. 13/291,565
Filed/Deposited: 8 November, 2011
Attorney Docket No. 43086.05.2093

DECISION ON PETITION

This is a decision on the petition filed on 8 November, 2011, pursuant to 37 C.F.R. §1.47.

NOTE:

The statements of Petitioners (now former Counsel) failed to detail any diligent effort to ascertain a valid/current/reasonably believed to be last known address to which to transmit the entire application—description, claims, abstract and drawings—were sent to the heretofore non-signing inventor.

Consequently, it does not appear that Petitioners set forth in the petition as required under the Rule the valid/current/reasonably believed to be last known address for the non-signing inventor(s).

On renewed petition, new Counsel may benefit from stepping through the requirements herein. (*See, generally:* MPEP §409.03, and §409.03(a)—the applicable statute (35 U.S.C.§ 116).

The petition as considered pursuant to 37 C.F.R. §1.47(a) is **DISMISSED**.

Rule 47 applicant is given TWO (2) MONTHS from the mailing date of this decision to reply, correcting the below-noted deficiencies. Any reply should be entitled "Request for Reconsideration of Petition Pursuant to 37 C.F.R. §1.47(a)," and should address the deficiencies noted below, except that the reply may include an oath or declaration executed by the non-signing inventor. **FAILURE TO RESPOND WILL RESULT IN ABANDONMENT OF THE APPLICATION.** Any extensions of time will be governed by 37 C.F.R. §1.136(a).

This is **not** a final agency action within the meaning of 5 U.S.C. §704.

A grantable petition pursuant to 37 C.F.R. §1.47(a) requires: (1) petition and fee; (2) proof that the non-signing inventor cannot be reached or refuses to sign the oath or declaration after having been presented with the application papers (specification: description, claims and drawings); (3) an acceptable oath or declaration in compliance with 35 U.S.C. §§ 115 and 116; and (4) a statement of the last known address of the non-signing inventor(s)—with diligence in the effort to ascertain the validity of the address set forth as the reasonably believed to be last known/current/valid address.

Petitioner does not seem to have worked through the requirements of the petition, as set forth above, in satisfaction of those requirements. (*See, generally:* MPEP §409.03, and §409.03(a)—the applicable statute (35 U.S.C.§ 116).

In particular, Petitioner has not as of this writing satisfied the requirement(s) of the petition as listed above and discussed below.

Petitioners always are reminded that for transmission by Email of any document to be accepted by the Office, written acknowledgment of receipt and readability of the message and all applicable attachments of required materials must be provided.

BACKGROUND

The record reflects as follows:

The application was deposited on 8 November, 2011.

It does not appear that the Office mailed a Notice of Missing Parts, indicating therein the requirement, *inter alia*, for a fully executed oath/declaration because the petition was deposited with the application.

Thus, on 8 November, 2011, now-former-Counsel Petitioner Thomas J. Kowalski (Reg. No. 32,147) and Deborah L. Lu (Reg. No. 50,940) filed, *inter alia*, a petition and fee pursuant to the regulations at 37 C.F.R. §1.47, (previously) an oath/declaration executed by co-inventors Andrea and Shoell for themselves and on behalf of non-signing inventor Yehuda Mitelman (Mr. Milelman). Petitioners sought to evidence with their statements of events transpiring in February 2009 and a copy of letter dated 4 February, 2009, the unsuccessful transmittal of the entire application to Mr. Mitelman, however, that appears to have been an earlier application and not the instant application. There was no showing of a diligent effort to identify a valid/current/reasonably believed to be last known address for Mr. Mitelman. If Petitioners' intent was to evidence that Rule 47 status previously was granted in a parent, Petitioner made no showing to that end and did not provide a copy of a prior petition and a prior grant of status.. Thus, Petitioner appeared not to satisfy the requirements under the Rule and in compliance with the guidance in the MPEP Commentary as to, *inter alia*, the failure of Petitioner to state in the petition the valid/current/reasonably believed to be last known address of the non-signing

inventor. Thus, the showing of record at this writing is insufficient. In view of the incompleteness of the showing, it does not appear as of this writing that Petitioner has satisfied the burden under the Rule. Thus Petitioner failed to make the showing as required under the Rule (37 C.F.R. §1.47(a)) and consistent with the guidance in the Commentary at MPEP §409.03, and §409.03(a).

Petitioners always are reminded:

- *for transmission by Email of any document to be accepted by the Office, written acknowledgment of receipt and readability of the message and all applicable attachments of required materials must be provided; and*

- *of the duties of candor to—with requirement for diligent inquiry before—the Office and to satisfy the Rules of Practice and the guidance in the Commentary at MPEP §409.03, and §409.03(a), et seq.*

Petitioner will find it beneficial to step through the requirements of a grantable petition under 37 C.F.R. §1.47(a) (i.e., (1) petition and fee; (2) proof that the non-signing inventor cannot be reached or refuses to sign the oath or declaration after having been presented with the application papers (specification: description, claims and drawings); (3) an acceptable oath or declaration in compliance with 35 U.S.C. §§ 115 and 116; and (4) a statement of the last known address of the non-signing inventor(s)—with diligence in the effort to ascertain the validity of the address set forth as the reasonably believed to be last known/current/valid address) and satisfy himself that he has complied with these requirements on submission of any renewed petition. (*See also*: the guidance in the Commentary at MPEP §409.03, and §409.03(a), et seq.)

Again, Petitioner has not worked through the requirements of the petition.

Thus, the present incompleteness of the record makes granting of the instant petition inappropriate.

The availability of applications and application papers online to applicants/practitioners who diligently associate their Customer Number with the respective application(s) now provides an applicant/practitioner on-demand information as to events/transactions in an application. Thus, now if one wishes to know the progress in and/or status of an application or the accuracy of the data therein, one need only look at the file online.

Out of an abundance of caution, Petitioners always are reminded that those registered to practice *and* all others who make representations before the Office must inquire into the underlying facts

of representations made to the Office and support averments with the appropriate documentation–since all owe to the Office the continuing duty to disclose.[1]

The instant petition pursuant to 37 C.F.R. §1.47(a) is **dismissed**.

Further correspondence with respect to this matter should be addressed as follows:

By mail: Mail Stop PETITIONS
Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

By hand: Customer Service Window
Mail Stop Petitions
Randolph Building
401 Dulany Street
Alexandria, VA 22314

By FAX: (571) 273-8300
ATTN: Office of Petitions

While telephone inquiries regarding this decision may be directed to the undersigned at (571) 272-3214—it is noted, however, that all practice before the Office is in writing (see: 37 C.F.R. §1.2[2]) and the proper authority for action on any matter in this regard are the statutes (35 U.S.C.), regulations (37 C.F.R.) and the commentary on policy (MPEP). Therefore, no telephone discussion may be controlling or considered authority for Petitioner's action(s).

/John J. Gillon, Jr./
John J. Gillon, Jr.
Senior Attorney
Office of Petitions

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[1] See supplement of 17 June, 1999. The Patent and Trademark Office is relying on petitioner's duty of candor and good faith and accepting a statement made by Petitioner. See Changes to Patent Practice and Procedure, 62 Fed. Reg. at 53160 and 53178, 1203 Off. Gaz. Pat. Office at 88 and 103 (responses to comments 64 and 109)(applicant obligated under 37 C.F.R. §10.18 to inquire into the underlying facts and circumstances when providing statements to the Patent and Trademark Office). See specifically, the regulations at 37 C.F.R. §10.18.

[2] The regulations at 37 C.F.R. §1.2 provide:

§1.2 Business to be transacted in writing.
All business with the Patent and Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

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NEW YORK NY 10019

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OFFICE OF PETITIONS

In re Application of :
Andrea, et al. : DECISION ON PETITION
Application No. 13/291,565 :
Filed/Deposited: 8 November, 2011 :
Attorney Docket No. 43086.05.2093 :

This is a decision on the petition filed on 28 February, 2012, pursuant to 37 C.F.R. §1.47.

The petition as considered pursuant to 37 C.F.R. §1.47(a) is **GRANTED**.

A grantable petition pursuant to 37 C.F.R. §1.47(a) requires: (1) petition and fee; (2) proof that the non-signing inventor cannot be reached or refuses to sign the oath or declaration after having been presented with the application papers (specification: description, claims and drawings); (3) an acceptable oath or declaration in compliance with 35 U.S.C. §§ 115 and 116; and (4) a statement of the last known address of the non-signing inventor(s)—with diligence in the effort to ascertain the validity of the address set forth as the reasonably believed to be last known/current/valid address.

Petitioners always are reminded that for transmission by Email of any document to be accepted. by the Office, written acknowledgment of receipt and readability of the message and all applicable attachments of required materials must be provided.

BACKGROUND

The record reflects as follows:

The application was deposited on 8 November, 2011.

It does not appear that the Office mailed a Notice of Missing Parts, indicating therein the requirement, *inter alia*, for a fully executed oath/declaration because the petition was deposited with the application.

Thus, on 8 November, 2011, now-former-Counsel Petitioner Thomas J. Kowalski (Reg. No. 32,147) and Deborah L. Lu (Reg. No. 50,940) filed, *inter alia*, a petition and fee pursuant to the regulations at 37 C.F.R. §1.47, (previously) an oath/declaration executed by co-inventors Andrea and Shoell for themselves and on behalf of non-signing inventor Yehuda Mitelman (Mr. Milelman). Petitioners sought to evidence with their statements of events transpiring in February 2009 and a copy of a letter dated 4 February, 2009, the unsuccessful transmittal of the entire application to Mr. Mitelman, however, that appears to have been an earlier application and not the instant application. There was no showing of a diligent effort to identify a valid/current/reasonably believed to be last known address for Mr. Mitelman. If Petitioners' intent was to evidence that Rule 47 status previously was granted in a parent, Petitioner made no showing to that end and did not provide a copy of a prior petition and a prior grant of status.. Thus, Petitioner appeared not to satisfy the requirements under the Rule and in compliance with the guidance in the MPEP Commentary as to, *inter alia*, the failure of Petitioner to state in the petition the valid/current/reasonably believed to be last known address of the non-signing inventor. Thus, the showing of record at this writing is insufficient—the petition was dismissed on6 January, 2012.

On 28 February, 2012 Petitioners re-advanced the petition and demonstrated transmittal of the entire application (description, claims, abstract, drawings) to the non-signing inventor with an averment of delivery and failure to reply/sign/join by the non-signing inventor. Included therewith was a statement by Petitioner as to a valid/current/reasonably believed to be last known address for the non-signing inventor (Petitioner also claimed that "'[t]he address for Yehuda Mitelman was provided by the client" as if such a condition overcame Petitioner's responsibility before the Office to make independent inquiry if such was required), the transmittal and delivery of a copy of the entire application—description, claims, abstract and drawings—to the non-signing inventor and his failure thereafter to sign/join in the oath/declaration thereafter. Thus, Petitioner sought to evidence transmittal of the entire application (description, claims, abstract, drawings to the non-signing inventor, with delivery and subsequent failure of the inventors to join. Thus, Petitioner avers constructive refusal of the non-signing inventor to sign/join, and sought to satisfy the requirements pursuant to the Rule and the guidance in the Commentary at MPEP §409.03, and §409.03(a) et seq.), a statement of a valid/current/reasonably believed to be last known address for the non-signing inventor and provide a showing that the non-signing inventor could not be found/refused to sign after diligent effort.

The availability of applications and application papers online to applicants/practitioners who diligently associate their Customer Number with the respective application(s) now provides an applicant/practitioner on-demand information as to events/transactions in an application.

Out of an abundance of caution, Petitioners always are reminded that those registered to practice and all others who make representations before the Office **must** inquire into the underlying facts

of representations made to the Office and support averments with the appropriate documentation–since all owe to the Office the continuing duty to disclose.[1]

CONCLUSION

The instant petition under 37 C.F.R. §1.47(a) is **granted** (status is accorded pursuant to 37 C.F.R. §1.47(a).)

As provided in 37 C.F.R. §1.47(c), this Office will forward notice of this application's filing to the non-signing inventors at the addresses given in the petition. Notice of the filing of this application will also be published in the Official Gazette.

The instant application is released to the Office of Patent Application Processing (OPAP) for such processing as required in due course.

Telephone inquiries regarding this decision may be directed to the undersigned at (571) 272-3214—it is noted, however, that all practice before the Office is in writing (see: 37 C.F.R. §1.2[2]) and the proper authority for action on any matter in this regard are the statutes (35 U.S.C.), regulations (37 C.F.R.) and the commentary on policy (MPEP). Therefore, no telephone discussion may be controlling or considered authority for Petitioner's action(s).

/John J. Gillon, Jr./
John J. Gillon, Jr.
Senior Attorney
Office of Petitions

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[1] See supplement of 17 June, 1999. The Patent and Trademark Office is relying on petitioner's duty of candor and good faith and accepting a statement made by Petitioner. See Changes to Patent Practice and Procedure, 62 Fed. Reg. at 53160 and 53178, 1203 Off. Gaz. Pat. Office at 88 and 103 (responses to comments 64 and 109)(applicant obligated under 37 C.F.R. §11.18, formerly §10.18 to inquire into the underlying facts and circumstances when providing statements to the Patent and Trademark Office).

[2] The regulations at 37 C.F.R. §1.2 provide:

§1.2 Business to be transacted in writing.
All business with the Patent and Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt

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ISRAEL 20692

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OFFICE OF PETITIONS

In re Application of :
Andrea, et al. : COMMUNICATION
Application No. 13/291,565 :
Filed/Deposited: 8 November, 2011 :
Attorney Docket No. 43086.05.2093 :

Dear Yehuda Mitelman:

You are named as an inventor in the above-identified United States patent application, filed under the provisions of 35 U.S.C. §116 (United States Code), and 37 C.F.R. §1.47 (Code of Federal Regulations), Rules of Practice in Patent Cases. Should a patent be granted on the application you will be designated therein as an inventor.

As a named inventor you are entitled to inspect any paper in the file wrapper of the application, order copies of all or any part thereof (at a prepaid cost per 37 C.F.R. §1.19) or make your position of record in the application. Alternatively, you may arrange to do any of the preceding through a registered patent attorney or agent presenting written authorization from you. If you care to join the application, counsel of record (see below) would presumably assist you. Joining the application would entail the filing of an appropriate oath or declaration by you pursuant to 37 C.F.R. §1.63.

Should you elect to join in the application, the contact information for Counsel of Record is set forth at the end of this Communication.

Should you seek to identify independent Counsel, you may find the Patent Attorneys/Agents Search engine of assistance (https://oedci.uspto.gov/OEDCI/).

Requests for information regarding your application should be directed to the File Information Unit at (703) 308-2733. Information regarding how to pay for and order a copy of the application, or a specific paper in the application, should be directed to the Certification Division at (571) 272-3150 or 1 (800) 972-6382 (outside the Washington, DC area).

Telephone inquiries regarding this communication may be directed to the undersigned at (571) 272-3214—it is noted, however, that all practice before the Office is in writing (see: 37 C.F.R. §1.2[1]) and the proper authority for action on any matter in this regard are the statutes (35 U.S.C.), regulations (37 C.F.R.) and the commentary on policy (MPEP). Therefore, no telephone discussion may be controlling or considered authority for Petitioner's/your action(s) and/or inactions. Moreover, the Office can neither advise you nor recommend Counsel in this matter.

/John J. Gillon, Jr./
John J. Gillon, Jr.
Senior Attorney
Office of Petitions

Counsel of Record:
VEDDER PRICE P.C.
1633 BROADWAY, 47TH FLOOR
NEW YORK NY 10019

[1] The regulations at 37 C.F.R. §1.2 provide:

§1.2 Business to be transacted in writing.

All business with the Patent and Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 913RO-001700US	Application Number (if known): Unassigned	Filing date: Unassigned

First Named Inventor: Myoungdo CHUNG

Title: THERMAL EVAPORATION PROCESS FOR MANUFACTURE OF SOLID STATE BATTERY DEVICES

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. **See Instruction Sheet on page 2.**

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Steve Y. Cho/	Date October 27, 2011
Name (Print/Typed) Steve Y. Cho	Registration Number 44,612

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
Attorney Docket No.: 913RO-001700US
Client Ref. No.: S12.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Myoungdo CHUNG et al. Application No.: Unassigned Filed: Unassigned For: THERMAL EVAPORATION PROCESS FOR MANUFACTURE OF SOLID STATE BATTERY DEVICES Customer No.: 83275	Confirmation No. Unassigned Examiner: Unassigned Technology Center/Art Unit: Unassigned STATEMENTS OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT FOR PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby request participation in the Green Technology Pilot Program for the above-identified application, pursuant to 37 C.F.R. 1.102.

The application is a non-reissue, non-provisional utility application filed under 35 USC 111(a). As submitted herewith, the application contains no more than three independent claims, twenty or fewer total claims, and no multiple dependent claims.

Applicants believe the pending claims in the application are directed to a single invention that materially contributes to the discovery or development of renewable energy resources. The claimed invention relates to the manufacture of electrochemical cells. More particularly, the pending claims are directed to a method and device for packaging a solid-state thin film battery device.

By filing this petition, Applicants hereby agree to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Programs if the Office determines that the claims are not obviously directed to a single invention. In addition, by filing this petition, Applicants hereby request early

publication under 37 CFR 1.219. The publication fee set forth in 37 CFR 1.18(d) has been submitted with this request.

CONCLUSION

The Commissioner is authorized to charge any deficiency in any fees required under 37 C.F.R. 1.16 and/or 1.17, including extension of time fees, and credit any overpayment to Deposit Account No. 50-4713.

If a telephone conference would expedite prosecution of this application, please telephone the undersigned at 425-348-3500.

Respectfully submitted,

/Steve Y. Cho/

Steve Y. Cho
Reg. No. 44,612

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043
Tel: 425-348-3500
Fax: 425-968-9795

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/291,845	11/08/2011	Myoungdo Chung	913RO-001700US	1082

83275 7590 12/15/2011

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043

EXAMINER	
ART UNIT	PAPER NUMBER
1726	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@ampacc.com

UNITED STATES PATENT AND TRADEMARK OFFICE

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12/13/2011

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace WA 98043

In re Application of	:	
Chung et al.	:	DECISION ON PETITION
Application No. 13/291,845	:	TO MAKE SPECIAL UNDER
Filed: 11/8/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **913RO-001700US**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/8/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1726 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No. 030348-00134

In re patent application of:

Todd FARMER

Confirmation No.: TBD

Serial No.: TBD

Art Unit: TBD

Filed: November 8, 2011

Examiner: TBD

For: GRADIENT OPTICS FOR EVEN LIGHT DISTRIBUTION OF LED LIGHT SOURCES

STATEMENT OF SPECIAL STATUS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

November 8, 2011

Sir:

Applicant is entitled to special status because the claims are directed to a single invention that materially contributes to the more efficient utilization and conservation of energy resources. In particular, the invention is directed to various light emitting diode (LED) configurations for replacing conventional light sources, such as incandescent lamps. LEDs have substantially higher light conversion efficiencies than incandescent lamps, and therefore, can dramatically reduce energy consumption.

In the event that any fees are due with respect to this paper, please charge Deposit Account No. 01-2300, referencing Atty. Docket No. 030348-00134.

Respectfully submitted,

Jeffrey S. Schoenwald
Registration No. 60,602

Customer No.: 68543
ARENT FOX LLP
555 West Fifth Street
48th Floor
Los Angeles, California 90013
Tel: (213) 629-7400
Fax: (213) 629-7401

JSS/jmh

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 030348-00134	Application Number (if known): TBD	Filing date: November 08, 2011
First Named Inventor: Todd Farmer		
Title: GRADIENT OPTICS FOR EVEN LIGHT DISTRIBUTION OF LED LIGHT SOURCES		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Jeffrey S. Schoenwald/	Date November 08, 2011
Name (Print/Typed) Jeffrey S. Schoenwald	Registration Number 60,602

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature see below*.*

☒ *Total of 1 forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/292,033	11/08/2011	Todd Farmer	030348.00249	4668

68543 7590 01/30/2012

Arent Fox LLP
555 West Fifth Street
48th Floor
Los Angeles, CA 90013

EXAMINER	
ART UNIT	PAPER NUMBER
2875	

NOTIFICATION DATE	DELIVERY MODE
01/30/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

LAIPDocket@arentfox.com
Patent_Mail@arentfox.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Arent Fox LLP
555 West Fifth Street
48th Floor
Los Angeles CA 90013

In re Application of	:	
FARMER, TODD	:	DECISION ON PETITION
Application No. 13/292,033	:	TO MAKE SPECIAL UNDER
Filed: November 8, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 030348.00249	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 8, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/292,135	11/09/2011	TIGER QIAO	109769.0279.CON	8125

7590 11/28/2011

ROETZEL & ANDRESS
1375 East 9th Street
One Cleveland Center, 9th FL
Cleveland, OH 44114

EXAMINER	
ART UNIT	PAPER NUMBER
2614	

MAIL DATE	DELIVERY MODE
11/28/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

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DIRECTOR'S OFFICE
TECHNOLOGY CENTER 2600

ROETZEL & ANDRESS
1375 East 9th Street
One Cleveland Center, 9th FL
Cleveland OH 44114

In re Application of:
QIAO, TIGER et al
Serial No.: 13/292,135
Filed: November 09, 2011

Title: **LOW PROFILE GREETING CARD SPEAKER**

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition filed on November 09, 2011 to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is **DISMISSED**.

REGULATION AND PRACTICE

A grantable petition to make special under 37 C.F.R. § 1.102(d) and pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published in the Federal Register on June 26, 2006 (71 Fed. Reg. 36323), must satisfy the following conditions:

I. Conditions Regarding the Application:

1. the application must be a non-reissue utility or design application filed under 37 CFR 1.111(a);

2. the application, the petition and the required fees must be filed electronically using the USPTO's electronic filing system (EFS), or EFS-web; if not filed electronically, a statement asserting that EFS and EFS-web were not available during the normal business hours.

3. at the time of filing, the application must be complete under 37 CFR 1.51 and in condition for examination;

4. the application must contain three or fewer independent claims and twenty or fewer total claims and the claims must be directed to a single invention.

II. Conditions Regarding the Petition:

The petition must:

1. be filed with the application;

2. include a statement that applicant agrees not to separately argue the patentability of any independent claim during any appeal in the application;

3. include a statement that applicant agrees to make an election without traverse in a telephone interview.

4. include a statement that applicant agrees to conduct such an interview when requested by the examiner.

5. include a statement, made based on a good faith belief, that a preexamination search in compliance with the following requirements, was conducted, including an identification of the filed of search by United States class and subclass, where applicable, and for database searches, the search logic or chemical structure or sequence used as a query, the name of the file(s) searched and the database service, and the date of the search.

The preexamination search must:

5.1 involve U.S. patents and patent application publications, foreign patent documents, and non-patent literature, unless the applicant can justify with reasonable certainty that no references more pertinent than those already identified are likely to be found in the eliminated sources and includes such a justification with this statement;

5.2. be directed to the claimed invention and encompass all of the features of the claims, giving the claims the broadest reasonable interpretation;

5.3. encompass the disclosed features that may be claimed.

6. must provide in support of the petition an accelerated examination support document. An accelerated examination support document must include:

6.1. an information disclosure statement (IDS) in compliance with 37 CFR 1.98 citing each reference deemed most closely related to the subject matter of each of the claims;

6.2. an identification of all the limitations in the claims that are disclosed by the reference specifying where the limitation is disclosed in the cited reference;

6.3. a detailed explanation of how each of the claims are patentable over the references cited with particularity required by 37 CFR 1.111(b) and (c);

6.4. a concise statement of the utility of the invention as defined in each of the independent claims (unless the application is a design application);

6.5. a showing of where each limitation of the claims finds support under 35 USC 112, first paragraph, in the written description of the specification. If applicable, the showing must also identify: (1) each means- (or step) plus-function claim element that invokes consideration under 35 USC 112, sixth paragraph; and (2) the structure, material, or acts in the specification that corresponds to each means- (or step) plus-function claim element that invokes consideration under 35 USC 112, sixth paragraph; if the application claims the benefit of one or more applications under title 35, United States Code, the showing must also include where each limitation of the claims finds support under 35 USC 112, first paragraph, in each such application in which such supports exists;

6.6. an identification of any cited references that may be disqualified under 35 USC 103(c).

REVIEW OF FACTS

The conditions set forth under section I. above are considered to have been met. However, the petition fails to comply with conditions set forth under section II. Items 6.3 and 6.5.

Regarding the requirements of item 6.3, above, the Accelerated Examination Support Document is deficient because section IV fails to provide a "detailed explanation of how ***each of the claims*** are patentable over each of the references cited with particularity required by 37 CFR 1.111(b) and (c)" (emphasis added). Petitioner has provided an explanation of how each of the independent claims 1 and 9 are patentable over the references cited. Petitioner has failed to provide a detailed explanation of how each of the dependent claims 2-8 and 10-12 are patentable over the references. Therefore it is presumed that claims 2-8 and 10-12 stand or fall together with the patentability of their respective independent claims 1and 9. **Since petitioner has only argued the patentability of the broadest, independent claims and no separate reasons for patentability are argued in regard to dependent claims, it is presumed that petitioner believes that all claims not separately argued for patentability stand or fall together. If this is not accurate, then any request for reconsideration must provide a detailed explanation in regard to *each of the claims* as set forth in item 6.3 above.**

Regarding the requirement in item 6.5 above, the "Accelerated Examination Support Document", is deficient because section VI fails to include a showing of where ***each limitation of the claims*** finds support under the first paragraph of 35 USC 112 in the written description of ***each benefit application***. As set forth supra, "*if the application claims the benefit of one or more applications under title 35, United States Code, the showing must also include where each limitation of the claims finds support under 35 USC 112, first paragraph, **in each such application in which such supports exists***". It is noted, the instant application also claims benefit to parent application 12/836,092. It is not clear from the record whether the showing of support is only in regards to the present application, or does showing of support apply to both present application and parent application. Therefore, an updated accelerated examination support document must be provided which shows where each limitation of the claims finds support in both the present application and the parent benefit application.

DECISION

For the above-stated reasons, the petition is **dismissed**. The application will therefore be taken up by the examiner for action in its regular turn.

Petitioner is given a single opportunity to perfect the petition. Any request for reconsideration of this decision must be submitted within 1 (one) month or 30 (thirty) days, whichever is longer, (no extension of time under 37 CFR 1.136(a)) from the date of this decision in order to be

considered timely. Any request for reconsideration must address the deficiencies indicated above.

Petitioner is reminded that, upon granting of the special status of the application on request for reconsideration, the application will be processed expeditiously. However, due to the dismissal of the instant petition, examination may not be completed within twelve months of the filing date of the application.

Any inquiry regarding this decision should be directed to Michael Horabik, Quality Assurance Specialist, at (571) 272-3068.

/Michael Horabik/

Michael Horabik
Quality Assurance Specialist
Technology Center 2600
Communications

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/292,135	11/09/2011	TIGER QIAO	109769.0279.CON	8125

7590 12/15/2011

ROETZEL & ANDRESS
1375 East 9th Street
One Cleveland Center, 9th FL
Cleveland, OH 44114

EXAMINER	
ART UNIT	PAPER NUMBER
2614	

MAIL DATE	DELIVERY MODE
12/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

United States Patent and Trademark Office

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1375 East 9th Street
One Cleveland Center, 9th FL
Cleveland OH 44114

MAIL

DEC 1 - 2011

DIRECTOR'S OFFICE
TECHNOLOGY CENTER 2600

In re Application of:
QIAO, TIGER et al
Serial No.: 13/292,135
Filed: November 09, 2011
Attorney Docket No: 109769.0279.CON
Title: **LOW PROFILE GREETING CARD SPEAKER**

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition filed on December 05, 2011 requesting reconsideration to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

All of the requirements to correct the deficiencies outlined in the petition decision mailed November 28, 2011 have been met.

The petition to make the application special is **GRANTED**.

The application is eligible for accelerated examination and the petition complies with the conditions for granting the application special status pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published June 26, 2006, in the Federal Register. (71 Fed. Reg. 36323).

The prosecution of the instant application will be conducted expeditiously according to the following guidelines.

1. The application will be docketed to an examiner and taken up for action within two weeks of the date of this decision.

2. Restriction Practice:
   If the examiner determines that the claims are not directed to a single invention, a telephone request to elect one single invention will be made pursuant to MPEP 812.01. As a prerequisite to the grant of this petition, the applicant has agreed to make an oral election, by telephone, without traverse. If the applicant refuses to make an election without traverse, or the examiner cannot reach the applicant after a reasonable effort, the

examiner will treat the first claimed invention (invention defined by claim 1) as having being constructively elected without traverse for examination.

3. Office action:
If it is determined that, after appropriate consultation, there is a potential rejection or any other issue to be addressed, the examiner will telephone the applicant and arrange an interview to discuss and resolve the issue. An Office action, other than a Notice of Allowance and Fee(s) Due (Notice of Allowance), will not be issued unless either: 1) an interview was conducted but did not result in agreed to action that places the application in condition for allowance, or, 2) a determination is made that an interview would be unlikely to result in the application being placed in condition for allowance, and 3) an internal conference has been held to review any rejection of any claim.

4. Time for Reply:
An Office action other than a Notice of Allowance or a final Office action will set a shortened statutory period of one month or thirty days, whichever is longer, for reply with no extension of time available under 37 CFR 1.136(a). Failure to timely file a reply within this non-extendible period for reply will result in the abandonment of the application.

5. Reply by Applicant:
A timely reply to an Office action other than the Notice of Allowance must be submitted electronically via EFS or EFS-web and limited to addressing the rejections, objections and requirement made. Any amendment that attempts to: 1) add claims which would result in more than three pending independent claims or more than twenty pending total claims; 2) present claims not encompassed by the pre-examination search or an updated accelerated examination support document; or 3) present claims that are directed a non-elected invention or an invention other than that previously claimed and examined in the application, will be treated as not fully responsive and will not be entered.

For any amendment to the claims (including any new claim) that is not encompassed by the accelerated examination support document, applicant must provide an updated accelerated examination support document that encompasses the amended or new claims at the time of filing of the amendment.

To proceed expeditiously with the examination, it is recommended that a reply with amendments made to any claim or with any new claim being added be accompanied by an updated accelerated examination support document or a statement explaining how the amended or new claim is supported by the original accelerated examination support document.

6. Information Disclosure Statement (IDS):
Any IDS filed during prosecution must be submitted electronically via EFS or EFS-web, accompanied by an updated accelerated examination support document, and be in compliance with 37 CFR 1.97 and 1.98.

7. Post-Allowance Processing:
To expedite processing of the allowed application into a patent, the applicant must: 1) pay the required fees within one month of the date of the Notice of Allowance, and 2) not

file any post allowance papers not required by the Office. In no event may the issue fee be paid and accepted later than three months from the date of the Notice of Allowance.

8. After-Final and Appeal Procedures:
To expedite prosecution, after receiving the final Office action, applicant must: 1) promptly file a notice of appeal, an appeal brief and appeal fees; and 2) not request a pre-appeal brief conference.

   Any amendment, affidavit or other evidence filed after final Office action must comply with applicable rules and the requirements outlined in numbered paragraphs 5 and 6 above.

   On appeal, the application will proceed according to normal appeal procedures. After appeal, the application will again be treated special.

9. Proceedings Outside the Normal Examination Process:
If the application becomes involved in a proceeding that is outside the normal examination process (e.g., a secrecy order, national security review, interference proceeding, petitions under 37 CFR 1.181, 182 or 183), the application will be treated special before and after such proceeding.

10. Final Disposition:
The twelve month goal of this accelerated examination procedure ends with a final disposition. The mailing of a final Office action, a Notice of Allowance, the filing of a Notice of Appeal, or the filing of a Request for Continued Examination (RCE) is the final disposition.

If, during prosecution, a paper is not filed electronically using EFS-web, a reply is filed but is not fully responsive, the application is involved in an appeal or a proceeding outside normal examination process, the application will still be examined expeditiously. However, the final disposition may occur more than twelve months from the filing of the application.

Any inquiry regarding this decision should be directed to Michael Horabik, Quality Assurance Specialist, at (571) 272-3068

/Michael Horabik/

Michael Horabik
Quality Assurance Specialist
Technology Center 2600
Communications

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 3097.007US2	Application Number (if known):	Filing date: November 9, 2011

First Named Inventor: Charles C. Gallop

Title: BIO-OIL RECOVERY SYSTEM

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Barbara J Clark/	Date November 9, 2011
Name (Print/Typed) Barbara J. Clark	Registration Number 38,107

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

S/N Unknown **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Charles C. Gallop et al.	Examiner: Unknown	
Serial No.:	Unknown	Group Art Unit: Unknown	
Filed:	Herewith	Docket No.: 3097.007US2	
Customer No.: 21186		Confirmation No.: Unknown	
Title:	BIO-OIL RECOVERY SYSTEMS		

STATEMENTS OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Pursuant to the Pilot Program for Green Technologies Including Greenhouse Gas Reduction, 74 Federal Register 64666 (Dec.8, 2009), please consider the following:

Applicant respectfully requests grant of special status because the claimed invention materially contributes to the more efficient utilization and conservation of energy resources by improving the efficiency of biofuel production.

Accordingly, Applicant requests approval of the accompanying Petition to Make Special under the Pilot Program for Green Technologies.

CONCLUSION

Applicants respectfully submit that the claims are in condition for allowance and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicants' representative at (515) 233-3865 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account 19-0743.

Respectfully submitted,

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 371-2132

Date November 9, 2011 By /Barbara J. Clark/

Barbara J. Clark
Reg. No. 57,521

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/292,266	11/09/2011	Charles C. Gallop	3097.007US2	1992

21186 7590 12/15/2011

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. BOX 2938
MINNEAPOLIS, MN 55402

EXAMINER	
DRODGE, JOSEPH W	

ART UNIT	PAPER NUMBER
1778	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

uspto@slwip.com
request@slwip.com

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Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
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SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. BOX 2938
MINNEAPOLIS MN 55402

12/13/2011

In re Application of :
Gallop et al. :
Application No. 13/292,266 :
Filed: 11/9/2011 :
Attorney Docket No. **3097.007US2** :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/9/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1778 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

PATENT
Attorney Docket No.: 913RO-001400US
Client Ref. No.: S11.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hyoncheol KIM et al. Application No.: Unassigned Filed: Unassigned For: HIGH THROUGHPUT PHYSICAL VAPOR DEPOSITION APPARATUS AND METHOD FOR MANUFACTURE OF SOLID STATE BATTERIES Customer No.: 83275	Confirmation No. Unassigned Examiner: Unassigned Technology Center/Art Unit: Unassigned STATEMENTS OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT FOR PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby request participation in the Green Technology Pilot Program for the above-identified application, pursuant to 37 C.F.R. 1.102.

The application is a non-reissue, non-provisional utility application filed under 35 USC 111(a). As submitted herewith, the application contains no more than three independent claims, twenty or fewer total claims, and no multiple dependent claims.

Applicants believe the pending claims in the application are directed to a single invention that materially contributes to the discovery or development of renewable enery resources. The claimed invention relates to manufacture of electrochemical cells. More particularly, the pending claims are directed to a method and device for packaging a solid-state thin film battery device.

By filing this petition, Applicants hereby agree to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Programs if the Office determines that the claims are not obviously directed to

a single invention. In addition, by filing this petition, Applicants hereby request early publication under 37 CFR 1.219. The publication fee set forth in 37 CFR 1.18(d) has been submitted with this request.

CONCLUSION

The Commissioner is authorized to charge any deficiency in any fees required under 37 C.F.R. 1.16 and/or 1.17, including extension of time fees, and credit any overpayment to Deposit Account No. 50-4713.

If a telephone conference would expedite prosecution of this application, please telephone the undersigned at 425-348-3500.

Respectfully submitted,

/Steve Y. Cho/

Steve Y. Cho
Reg. No. 44,612

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043
Tel: 425-348-3500
Fax: 425-968-9795

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 913RO-001400US	Application Number (if known): Unassigned	Filing date: Unassigned

First Named Inventor: Hyoncheol KIM

Title: HIGH THROUGHPUT PHYSICAL VAPOR DEPOSITION APPARATUS AND METHOD FOR MANUFACTURE OF SOLID STATE BATTERIES

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Steve Y. Cho/	Date October 27, 2011
Name (Print/Typed) Steve Y. Cho	Registration Number 44,612

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/292,368	11/09/2011	Hyoncheol KIM	913RO-001400US	6747

83275 7590 12/07/2011

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043

EXAMINER	
ART UNIT	PAPER NUMBER
3721	

NOTIFICATION DATE	DELIVERY MODE
12/07/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@ampacc.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace WA 98043

In re Application of
KIM, HYONCHEOL et al
Application No. 13/292,368
Filed: Nov. 9, 2011
Attorney Docket No. 913RO-001400US

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed Nov. 9, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **dismissed**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

If reconsideration of this decision is desired, a petition for reconsideration must be filed within ONE (1) MONTH OR THIRTY (30) DAYS from the mail date of this decision, whichever is longer. No extension of this time limit can be granted under 37 CFR 1.136(a) or (b). The petition for reconsideration should include an exhaustive attempt to provide the lacking item(s) noted below, since, after a decision on the petition for reconsideration, no further reconsideration or review of the matter will be undertaken by the Director.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the

Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived. The petition lacks item # 4.

In regard to item 4, petitioner should note that the instant petition includes a statement identifying the basis for the special status (i.e., whether the instant invention (1) materially enhances the quality of the environment or materially contributes to (2) development of renewable energy resources or energy conservation, or (3) greenhouse gas reduction) as required by sections II and III of the notice. However, as stated in the notice, applicant must also provide a statement pertaining to the materiality standard if the application disclosure is not clear on its face as to the materiality of the basis for the special status of the invention. This petition lacks such a statement and it is not agreed that the application on its face meets that materiality standard. Petitioner states that the claimed invention relates to green technologies. This is not convincing. For example, it is not clear how the claimed apparatus for making a solid state electromechanical device will provide and enhance the quality of the environment or contribute to development of renewable energy resources or energy conservation or greenhouse gas reduction. There is no connection between the green statements and the claimed features.

Any reconsideration of this decision should be submitted through the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen.

Telephone inquiries concerning this decision should be directed to Henry C. Yuen at 571-272-4856. The application will be forwarded to the Technology Center Art Unit 3725 for action in its regular turn.

/Henry C. Yuen/

Henry C. Yuen
Quality Assurance Specialist
Technology Center 3700

PATENT
Attorney Docket No.: 913RO-001400US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hyoncheol KIM et al. Application No.: 13/292,368 Filed: November 09, 2011 For: HIGH THROUGHPUT PHYSICAL VAPOR DEPOSITION APPARATUS AND METHOD FOR MANUFACTURE OF SOLID STATE BATTERIES Customer No.: 83275	Confirmation No.: 6747 Examiner: Not Yet Assigned Technology Center/Art Unit: 3721 PETITION FOR REQUEST FOR RECONSIDERATION OF DECISION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby request reconsideration of the decision dated December 7, 2011, denying the petition for participation in the Green Technology Pilot Program for the above-identified application pursuant to 37 C.F.R. 1.102.

The application is a non-reissue, non-provisional utility application filed under 35 USC 111(a). As submitted herewith, the application contains no more than three independent claims, twenty or fewer total claims, and no multiple dependent claims.

In the original petition, it was asserted that the claims of the instant patent application materially contribute to: (1) the discovery or development of renewable energy resources. Specifically, a solid-state thin film battery system employing electrochemical cells can allow intermittent renewable energy resources (such as solar and wind) to supply energy at peak demand times when that intermittent energy may not be available.

In denying the original petition for accelerated examination under the Green Technology Pilot program, the USPTO reviewer indicated:

> it is not clear how the claimed apparatus for making a solid state electrochemical device will provide and enhance the quality of the environment or contribute to development of renewable energy resources or energy conservation or greenhouse gas reduction. (Decision on Petition dated December 07, 2011, page 2)

In support of reconsideration, it is noted that the independent claim 1 recites an apparatus for the manufacture of a solid state electrochemical device, i.e., a solid state thin film battery device. Such a battery device can be used for a variety of applications such as portable electronics (cell phones, personal digital assistants, music players, video cameras, and the like), power tools, power supplies for military use (communications, lighting, imaging and the like), power supplies for aerospace applications (power for satellites), and power supplies for vehicle applications (hybrid electric vehicles, plug-in hybrid electric vehicles, and fully electric vehicles). The design of such batteries is also applicable to cases in which the battery is not the only power supply in the system, and additional power is provided by a fuel cell, other battery, IC engine or other combustion device, capacitor, solar cell, etc. See paragraph 5 of the present application. Therefore, BOTH of the following goals may be achieved as a result:

- development of renewable energy resources will be encouraged; AND
- greenhouse gas emissions will be reduced.

Particular embodiments may rely upon "green" materials such as compressed air and water. This contrasts with certain existing energy storage schemes utilizing electrochemical cells for energy storage, which can utilize less environmentally-friendly materials.

By filing this petition for reconsideration, Applicants hereby agree to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Programs if the Office determines that the claims are not obviously directed to a single invention. In addition, the publication fee set forth in 37 CFR 1.18(d) has been submitted with the initial request filed on November 09, 2011

The Commissioner is authorized to charge any deficiency in any fees required under 37 C.F.R. 1.16 and/or 1.17, including extension of time fees, and credit any overpayment to Deposit Account No. 50-4713. If a telephone conference would expedite prosecution of this application, please telephone the undersigned at 425-348-3500.

Respectfully submitted,
/Steve Y. Cho/
Steve Y. Cho
Reg. No. 44,612

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043
Tel: 425-348-3500
Fax: 425-968-9795

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/292,368	11/09/2011	Hyoncheol KIM	913RO-001400US	6747

83275 7590 02/01/2012

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043

EXAMINER	
ART UNIT	PAPER NUMBER
1716	

NOTIFICATION DATE	DELIVERY MODE
02/01/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@ampacc.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
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Alexandria, VA 22313-1450
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AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace WA 98043

2/1/12

In re Application of	:	
Kim et al.	:	DECISION ON PETITION
Application No. 13/292,368	:	TO MAKE SPECIAL UNDER
Filed: 11/9/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **913RO-001400US**	:	PILOT PROGRAM

This is a decision on the request for reconsideration, filed 1/9/2012, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1716 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 913-002200US	Application Number (if known): Unassigned	Filing date: Unassigned

First Named Inventor: Chia-Wei WANG

Title: A MONOLITHICALLY INTEGRATED THIN-FILM SOLID STATE LITHIUM BATTERY DEVICE HAVING MULTIPLE LAYERS OF LITHIUM ELECTROCHEMICAL CELLS

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Steve Y. Cho/	Date November 9, 2011
Name (Print/Typed) Steve Y. Cho	Registration Number 44,612

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PATENT
Attorney Docket No.: 913RO-002200US
Client Ref. No.: S10.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Cia-Wei WANG et al. Application No.: Unassigned Filed: Unassigned For: A MONOLITHICALLY INTEGRATED THIN-FILM SOLID STATE LITHIUM BATTERY DEVICE HAVING MULTIPLE LAYERS OF LITHIUM ELECTROCHEMICAL CELLS Customer No.: 83275	Confirmation No. Unassigned Examiner: Unassigned Technology Center/Art Unit: Unassigned STATEMENTS OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT FOR PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby request participation in the Green Technology Pilot Program for the above-identified application, pursuant to 37 C.F.R. 1.102.

The application is a non-reissue, non-provisional utility application filed under 35 USC 111(a). As submitted herewith, the application contains no more than three independent claims, twenty or fewer total claims, and no multiple dependent claims.

Applicant believes the pending claims in the application are directed to a single invention that materially contributes to the discovery or development of renewable energy resources. The claimed invention is directed to a monolithically integrated thin-film solid-state lithium battery device including multiple layers of lithium electrochemical cells.

By filing this petition, Applicants hereby agree to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Programs if the Office determines that the claims are not obviously directed to a single invention. In addition, by filing this petition, Applicants hereby request early

publication under 37 CFR 1.219. The publication fee set forth in 37 CFR 1.18(d) has been submitted with this request.

CONCLUSION

The Commissioner is authorized to charge any deficiency in any fees required under 37 C.F.R. 1.16 and/or 1.17, including extension of time fees, and credit any overpayment to Deposit Account No. 50-4713.

If a telephone conference would expedite prosecution of this application, please telephone the undersigned at 425-348-3500.

Respectfully submitted,

/Steve Y. Cho/

Steve Y. Cho
Reg. No. 44,612

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043
Tel: 425-348-3500
Fax: 425-968-9795

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/292,663	11/09/2011	Chia-Wei WANG	913RO-002200US	2914

83275 7590 12/15/2011

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043

EXAMINER	
ART UNIT	PAPER NUMBER
1726	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

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docketing@ampacc.com

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Alexandria, VA 22313-1450
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12/15/2011

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace WA 98043

In re Application of :
Wang et al. :
Application No. 13/292,663 :
Filed: 11/9/2011 :
Attorney Docket No. **913RO-002200US** :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/9/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1726 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/292,841	11/09/2011	Liang XU	HW709177	1136

77399 7590 11/18/2011

Leydig, Voit & Mayer, Ltd
(for Huawei Technologies Co., Ltd)
Two Prudential Plaza Suite 4900
180 North Stetson Avenue
Chicago, IL 60601

EXAMINER	
ART UNIT	PAPER NUMBER
2618	

NOTIFICATION DATE	DELIVERY MODE
11/18/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

Chgpatent@leydig.com
uspatent@huawei.com

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Leydig, Voit & Mayer, Ltd
(for Huawei Technologies Co., Ltd)
Two Prudential Plaza Suite 4900
180 North Stetson Avenue
Chicago IL 60601

In re Application of:
XU, LIANG
Serial No.: 13/292,841
Filed: November 9, 2011

Title: **METHOD AND APPARATUS FOR CONTROLLING POWER OF UPLINK PHYSICAL CHANNEL**

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition filed on November 9, 2011 to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

The petition to make the application special is **DISMISSED**.

REGULATION AND PRACTICE

A grantable petition to make special under 37 C.F.R. § 1.102(d) and pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published in the Federal Register on June 26, 2006 (71 Fed. Reg. 36323), must satisfy the following conditions:

I. Conditions Regarding the Application:

1. the application must be a non-reissue utility or design application filed under 37 CFR 1.111(a);

2. the application, the petition and the required fees must be filed electronically using the USPTO's electronic filing system (EFS), or EFS-web; if not filed electronically, a statement asserting that EFS and EFS-web were not available during the normal business hours.

3. at the time of filing, the application must be complete under 37 CFR 1.51 and in condition for examination;

4. the application must contain three or fewer independent claims and twenty or fewer total claims and the claims must be directed to a single invention.

II. Conditions Regarding the Petition:

The petition must:

1. be filed with the application;

2. include a statement that applicant agrees not to separately argue the patentability of any independent claim during any appeal in the application;

3. include a statement that applicant agrees to make an election without traverse in a telephone interview.

4. include a statement that applicant agrees to conduct such an interview when requested by the examiner.

5. include a statement, made based on a good faith belief, that a preexamination search in compliance with the following requirements, was conducted, including an identification of the filed of search by United States class and subclass, where applicable, and for database searches, the search logic or chemical structure or sequence used as a query, the name of the file(s) searched and the database service, and the date of the search.

The preexamination search must:

5.1 involve U.S. patents and patent application publications, foreign patent documents, and non-patent literature, unless the applicant can justify with reasonable certainty that no references more pertinent than those already identified are likely to be found in the eliminated sources and includes such a justification with this statement;

5.2. be directed to the claimed invention and encompass all of the features of the claims, giving the claims the broadest reasonable interpretation;

5.3. encompass the disclosed features that may be claimed.

6. must provide in support of the petition an accelerated examination support document. An accelerated examination support document must include:

6.1. an information disclosure statement (IDS) in compliance with 37 CFR 1.98 citing each reference deemed most closely related to the subject matter of each of the claims;

6.2. an identification of all the limitations in the claims that are disclosed by the reference specifying where the limitation is disclosed in the cited reference;

6.3. a detailed explanation of how each of the claims are patentable over the references cited with particularity required by 37 CFR 1.111(b) and (c);

6.4. a concise statement of the utility of the invention as defined in each of the independent claims (unless the application is a design application);

6.5. a showing of where each limitation of the claims finds support under 35 USC 112, first paragraph, in the written description of the specification. If applicable, the showing must also identify: (1) each means- (or step) plus-function claim element that invokes consideration under 35 USC 112, sixth paragraph; and (2) the structure, material, or acts in the specification that corresponds to each means- (or step) plus-function claim element that invokes consideration under 35 USC 112, sixth paragraph; if the application claims the benefit of one or more applications under title 35, United States Code, the showing must also include where each limitation of the claims finds support under 35 USC 112, first paragraph, in each such application in which such supports exists;

6.6. an identification of any cited references that may be disqualified under 35 USC 103(c).

REVIEW OF FACTS

The conditions set forth under section I. above are considered to have been met. However, the petition fails to comply with conditions set forth under section II Item 6.5.

For the reason cited above, the petition fails to meet the required conditions to be accorded special status under the accelerated examination procedure.

Regarding the requirement in item 6.5 above, the "Accelerated Examination Support Document", is deficient because it fails to include a showing of where ***each limitation of the claims*** finds support under the first paragraph of 35 USC 112 in the written description of ***each benefit application***. As set forth supra, "*if the application claims the benefit of one or more applications under title 35, United States Code, the showing must also include where each limitation of the claims finds support under 35 USC 112, first paragraph, **in each such application in which such supports exists***". It is noted that the instant application claims benefit to US serial no. 12/697,698 and 11/776,608. Petitioner has not provided a showing of support for this benefit application. Therefore, an updated accelerated examination support document must be provided which shows where each limitation of the claims finds support in this benefit application as well.

DECISION

For the above-stated reasons, the petition is **dismissed**. The application will therefore be taken up by the examiner for action in its regular turn.

Petitioner is given a single opportunity to perfect the petition. Any request for reconsideration of this decision must be submitted within 1 (one) month or 30 (thirty) days, whichever is longer, (no extension of time under 37 CFR 1.136(a)) from the date of this decision in order to be considered timely. Any request for reconsideration must address the deficiencies indicated above.

Petitioner is reminded that, upon granting of the special status of the application on request for reconsideration, the application will be processed expeditiously. However, due to the dismissal of the instant petition, examination may not be completed within twelve months of the filing date of the application.

Any inquiry regarding this decision should be directed to Doris To, Quality Assurance Specialist, at (571) 272-7629.

/Doris To/

Doris To
Quality Assurance Specialist
Technology Center 2600
Communications

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/292,841	11/09/2011	Liang XU	HW709177	1136

77399 7590 01/09/2012

Leydig, Voit & Mayer, Ltd
(for Huawei Technologies Co., Ltd)
Two Prudential Plaza Suite 4900
180 North Stetson Avenue
Chicago, IL 60601

EXAMINER	
ART UNIT	PAPER NUMBER
2618	

NOTIFICATION DATE	DELIVERY MODE
01/09/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

Chgpatent@leydig.com
uspatent@huawei.com

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Leydig, Voit & Mayer, Ltd
(for Huawei Technologies Co., Ltd)
Two Prudential Plaza Suite 4900
180 North Stetson Avenue
Chicago IL 60601

In re Application of:
XU, LIANG
Serial No.: 13/292,841
Filed: November 9, 2011
Attorney Docket No: HW709177
Title: **METHOD AND APPARATUS FOR CONTROLLING POWER OF UPLINK PHYSICAL CHANNEL**

DECISION ON PETITION TO MAKE SPECIAL FOR NEW APPLICATION UNDER 37 C.F.R. § 1.102 & M.P.E.P. § 708.02

This is a decision on the petition filed on December 19, 2011 requesting reconsideration to make the above-identified application special for accelerated examination procedure under 37 C.F.R. § 1.102(d).

All of the requirements to correct the deficiencies outlined in the petition decision mailed November 18, 2011 have been met.

The petition to make the application special is **GRANTED**.

The application is eligible for accelerated examination and the petition complies with the conditions for granting the application special status pursuant to the "Change to Practice for Petitions in Patent Applications to Make Special and for Accelerated Examination" published June 26, 2006, in the Federal Register. (71 Fed. Reg. 36323).

The prosecution of the instant application will be conducted expeditiously according to the following guidelines.

1. The application will be docketed to an examiner and taken up for action within two weeks of the date of this decision.

2. Restriction Practice:
   If the examiner determines that the claims are not directed to a single invention, a telephone request to elect one single invention will be made pursuant to MPEP 812.01. As a prerequisite to the grant of this petition, the applicant has agreed to make an oral election, by telephone, without traverse. If the applicant refuses to make an election

without traverse, or the examiner cannot reach the applicant after a reasonable effort, the examiner will treat the first claimed invention (invention defined by claim 1) as having being constructively elected without traverse for examination.

3. Office action:
If it is determined that, after appropriate consultation, there is a potential rejection or any other issue to be addressed, the examiner will telephone the applicant and arrange an interview to discuss and resolve the issue. An Office action, other than a Notice of Allowance and Fee(s) Due (Notice of Allowance), will not be issued unless either: 1) an interview was conducted but did not result in agreed to action that places the application in condition for allowance, or, 2) a determination is made that an interview would be unlikely to result in the application being placed in condition for allowance, and 3) an internal conference has been held to review any rejection of any claim.

4. Time for Reply:
An Office action other than a Notice of Allowance or a final Office action will set a shortened statutory period of one month or thirty days, whichever is longer, for reply with no extension of time available under 37 CFR 1.136(a). Failure to timely file a reply within this non-extendible period for reply will result in the abandonment of the application.

5. Reply by Applicant:
A timely reply to an Office action other than the Notice of Allowance must be submitted electronically via EFS or EFS-web and limited to addressing the rejections, objections and requirement made. Any amendment that attempts to: 1) add claims which would result in more than three pending independent claims or more than twenty pending total claims; 2) present claims not encompassed by the pre-examination search or an updated accelerated examination support document; or 3) present claims that are directed a non-elected invention or an invention other than that previously claimed and examined in the application, will be treated as not fully responsive and will not be entered.

   For any amendment to the claims (including any new claim) that is not encompassed by the accelerated examination support document, applicant must provide an updated accelerated examination support document that encompasses the amended or new claims at the time of filing of the amendment.

   To proceed expeditiously with the examination, it is recommended that a reply with amendments made to any claim or with any new claim being added be accompanied by an updated accelerated examination support document or a statement explaining how the amended or new claim is supported by the original accelerated examination support document.

6. Information Disclosure Statement (IDS):
Any IDS filed during prosecution must be submitted electronically via EFS or EFS-web, accompanied by an updated accelerated examination support document, and be in compliance with 37 CFR 1.97 and 1.98.

7. Post-Allowance Processing:

To expedite processing of the allowed application into a patent, the applicant must: 1) pay the required fees within one month of the date of the Notice of Allowance, and 2) not file any post allowance papers not required by the Office. In no event may the issue fee be paid and accepted later than three months from the date of the Notice of Allowance.

8. After-Final and Appeal Procedures:
   To expedite prosecution, after receiving the final Office action, applicant must: 1) promptly file a notice of appeal, an appeal brief and appeal fees; and 2) not request a pre-appeal brief conference.

   Any amendment, affidavit or other evidence filed after final Office action must comply with applicable rules and the requirements outlined in numbered paragraphs 5 and 6 above.

   On appeal, the application will proceed according to normal appeal procedures. After appeal, the application will again be treated special.

9. Proceedings Outside the Normal Examination Process:
   If the application becomes involved in a proceeding that is outside the normal examination process (e.g., a secrecy order, national security review, interference proceeding, petitions under 37 CFR 1.181, 182 or 183), the application will be treated special before and after such proceeding.

10. Final Disposition:
    The twelve month goal of this accelerated examination procedure ends with a final disposition. The mailing of a final Office action, a Notice of Allowance, the filing of a Notice of Appeal, or the filing of a Request for Continued Examination (RCE) is the final disposition.

If, during prosecution, a paper is not filed electronically using EFS-web, a reply is filed but is not fully responsive, the application is involved in an appeal or a proceeding outside normal examination process, the application will still be examined expeditiously, however, the final disposition may occur more than twelve months from the filing of the application.

Any inquiry regarding this decision should be directed to Doris To, Quality Assurance Specialist, at (571) 272-7629.

/Doris To/

Doris To
Quality Assurance Specialist
Technology Center 2600
Communications

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	55015	Application Number (if known):	13/292,938	Filing date:	11/09/2011

First Named Inventor: Lester, Steven D.

Title: Series Connected Segmented LED

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature		Date	10 November 2011
Name (Print/Typed)	Calvin B. Ward	Registration Number	30,896

***Note**: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/292,938	11/09/2011	Steven D. Lester	55015	2465

28241 7590 12/19/2011

THE LAW OFFICES OF CALVIN B. WARD
18 CROW CANYON COURT, SUITE 305
SAN RAMON, CA 94583

EXAMINER	
ART UNIT	PAPER NUMBER
2811	

MAIL DATE	DELIVERY MODE
12/19/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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THE LAW OFFICES OF CALVIN B. WARD
18 CROW CANYON COURT, SUITE 305
SAN RAMON CA 94583

In re Application of	:	
LESTER et al.	:	DECISION ON PETITION
Application No. 13/292.938	:	TO MAKE SPECIAL UNDER
Filed: November 9, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 55015	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 10, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: GIP-0040	Application Number (if known): 13/293,390	Filing date: November 10, 2011

First Named Inventor: Sang Hoon LEE

Title: LIGHTING DEVICE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date November 10, 2011
Name (Print/Typed) Daniel Y.J. Kim	Registration Number 36,186

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 2 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No.: **GIP-0040** PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of		Confirmation No.:	**1011**
Sang Hoon LEE; Hyun Ha SHIN and Im Je WOO		Group Art Unit:	**To Be Assigned**
Serial No.:	**13/293,390**	Examiner:	**To Be Assigned**
Filed:	**November 10, 2011**	Customer No.:	**34610**

For: **LIGHTING DEVICE**

STATEMENT OF SPECIAL STATUS FOR ELIGIBILITY UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

U.S. Patent and Trademark Office
Customer Service Window, **MAIL STOP PETITIONS**
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

Special status is sought under 37 CFR §1.102 because the invention materially contributes to the more efficient utilization and conservation of energy resources.

Respectfully submitted,
KED & ASSOCIATES, LLP

Daniel Y.J. Kim
Registration No. 36,186

Correspondence Address:
P.O. Box 8638
Reston, VA 20195
703 766-3777 DYK/dak
Date: November 10, 2011
Please direct all correspondence to Customer Number 34610
Q:\Documents\2343-040\303871

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/293,390	11/10/2011	Sang Hoon LEE	GIP-0040	1011

34610 7590 01/30/2012

KED & ASSOCIATES, LLP
P.O. Box 8638
Reston, VA 20195

EXAMINER	
ART UNIT	PAPER NUMBER
2875	

MAIL DATE	DELIVERY MODE
01/30/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

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KED & ASSOCIATES, LLP
P.O. Box 8638
Reston VA 20195

In re Application of	:	
LEE et al.	:	DECISION ON PETITION
Application No. 13/293,390	:	TO MAKE SPECIAL UNDER
Filed: November 10, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. GIP-0040	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 10, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: GIP-0041	Application Number (if known): 13/293,440	Filing date: November 10, 2011

First Named Inventor: Kwang Soo KIM

Title: LIGHTING MODULE AND LIGHTING APPARATUS COMPRISING THE SAME

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date November 10, 2011
Name (Print/Typed) Daniel Y.J. Kim	Registration Number 36,186

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of 2 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No.: **GIP-0041** PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	Confirmation No.: **1095**
Kwang Soo KIM; Sung Ho HONG; Young Ho SHIN; Ki Man PARK and Young Seok YU	Group Art Unit: **To Be Assigned**
Serial No.: **13/293,440**	Examiner: **To Be Assigned**
Filed: **November 10, 2011**	Customer No.: **34610**

For: **LIGHTING MODULE AND LIGHTING APPARATUS COMPRISING THE SAME**

STATEMENT OF SPECIAL STATUS FOR ELIGIBILITY UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

U.S. Patent and Trademark Office
Customer Service Window, **MAIL STOP PETITIONS**
Randolph Building
401 Dulany Street
Alexandria, Virginia 22314

Sir:

Special status is sought under 37 CFR §1.102 because the invention materially contributes to the more efficient utilization and conservation of energy resources.

Respectfully submitted,
KED & ASSOCIATES, LLP

Daniel Y.J. Kim
Registration No. 36,186

Correspondence Address:
P.O. Box 8638
Reston, VA 20195
703 766-3777 DYK/dak

Date: November 10, 2011
Please direct all correspondence to Customer Number 34610
Q:\Documents\2343-041\303874

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/293,440	11/10/2011	Kwang Soo KIM	GIP-0041	1095

34610 7590 12/19/2011

KED & ASSOCIATES, LLP
P.O. Box 8638
Reston, VA 20195

EXAMINER	
ART UNIT	PAPER NUMBER
2875	

MAIL DATE	DELIVERY MODE
12/19/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

KED & ASSOCIATES, LLP
P.O. Box 8638
Reston VA 20195

In re Application of	:	
KIM et al.	:	DECISION ON PETITION
Application No. 13/293,440	:	TO MAKE SPECIAL UNDER
Filed: November 10, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. GIP-0041	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 10, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 5188-0100	Application Number (if known): 13/293,473	Filing date: November 10, 2011

First Named Inventor: Dong Nyung LIM

Title: LIGHTING DEVICE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Yoon S. Ham/	Date November 10, 2011
Name (Print/Typed) Yoon S. Ham	Registration Number 45,307

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/293,473	11/10/2011	Dong Nyung LIM	5188-0100	8070

22429 7590 12/19/2011

LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA, VA 22314

EXAMINER	
ART UNIT	PAPER NUMBER
2875	

MAIL DATE	DELIVERY MODE
12/19/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
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Alexandria, VA 22313-1450
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LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA VA 22314

In re Application of	:	
LIM, DONG NYUNG	:	DECISION ON PETITION
Application No. 13/293,473	:	TO MAKE SPECIAL UNDER
Filed: November 10, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 5188-0100	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 10, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **DISMISSED**.

If reconsideration of this decision is desired, a petition for reconsideration must be filed within ONE (1) MONTH OR THIRTY (30) DAYS from the mail date of this decision, whichever is longer. No extension of this time limit can be granted under 37 CFR 1.136(a) or (b). The petition for reconsideration should include an exhaustive attempt to provide the lacking item(s) noted below, since, after a decision on the petition for reconsideration, no further reconsideration or review of the matter will be undertaken by the Director.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications and be filed prior to the date of the notice, December 8, 2009.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by

a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The petition lacks item 4.

In regard to item 4, the petition alleges that the claimed invention contributes to more efficient utilization and conservation of energy. The claims do not limit the light emitting device to an LED or semiconductor based light emitting device. The materiality standard does not permit an applicant to speculate as to how a hypothetical end-user might specially apply the invention in a manner that could contribute to more efficient utilization and conservation of energy. Any argument that the claimed invention can be used with LEDs is considered speculate as to how a hypothetical end-user might specially apply the claimed invention. Favorable consideration would be given if the claims were amended to specifically require the light emitting device to be an LED or semiconductor based light emitting device.

Any reconsideration of this decision should be submitted through the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen.

Telephone inquiries concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the Technology Center Art Unit for action in its regular turn.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Docket No.: 5188-0100 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of	:	
	:	
Dong Nyung LIM	:	Conf. No.: 8070
	:	
Serial No. 13/293,473	:	Group Art Unit: 2875
	:	
Filed: 2011-11-10	:	Examiner: n/a
	:	

For: LIGHTING DEVICE

RENEWED PETITION TO MAKE SPECIAL
UNDER THE GREEN TECHNOLOGY PILOT PROGRAM
AND
PRELIMINARY AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

Sir:

This is in response to the Decision on PETITION TO MAKE SPECIAL mailed December 19, 2011 holding that Item 4 is missing. Applicants further note that favorable consideration would be given if the claims were amended to specifically require an LED or a semiconductor based light emitting device.

The claims have been amended accordingly in the attached claim amendments.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/293,473	11/10/2011	Dong Nyung LIM	5188-0100	8070

22429 7590 02/01/2012

LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA, VA 22314

EXAMINER	
ART UNIT	PAPER NUMBER
2875	

MAIL DATE	DELIVERY MODE
02/01/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

2/1/12

LOWE HAUPTMAN HAM & BERNER, LLP
1700 DIAGONAL ROAD
SUITE 300
ALEXANDRIA VA 22314

In re Application of	:	
Lim	:	DECISION ON PETITION
Application No. 13/293,473	:	TO MAKE SPECIAL UNDER
Filed: 11/10/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **5188-0100**	:	PILOT PROGRAM

This is a decision on the request for reconsideration, filed 1/3/2012, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 2875 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 136163-010104/CON	Application Number (if known): Not assigned	Filing date: November 10, 2011
First Named Inventor: Karl D. Bishop		
Title: Structure for Molecular Separations		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Fang Xie, Reg. No. L0591/	Date November 10, 2011
Name (Print/Typed) Fang Xie	Registration Number L0591

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature see below*.*

☐ *Total of ..... forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/293,703	11/10/2011	Karl D. Bishop	136163-010104/CON	1089

35893 7590 12/15/2011
GREENBERG TRAURIG (BOS)
ONE INTERNATIONAL PLACE, 20th FL
ATTN: PATENT ADMINISTRATOR
BOSTON, MA 02110

EXAMINER	
ART UNIT	PAPER NUMBER
1732	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

BosIpMail@gtlaw.com
cadanoc@gtlaw.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

12/15/2011

GREENBERG TRAURIG (BOS)
ONE INTERNATIONAL PLACE, 20th FL
ATTN: PATENT ADMINISTRATOR
BOSTON MA 02110

In re Application of :
Bishop et al. :
Application No. 13/293,703 :
Filed: 11/10/2011 :
Attorney Docket No. **136163-010104/CON** :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/10/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **DISMISSED**.

If reconsideration of this decision is desired, a petition for reconsideration must be filed within ONE (1) MONTH OR THIRTY (30) DAYS from the mail date of this decision, whichever is longer. No extension of this time limit can be granted under 37 CFR 1.136(a) or (b). The petition for reconsideration should include an exhaustive attempt to provide the lacking item(s) noted below, since, after a decision on the petition for reconsideration, no further reconsideration or review of the matter will be undertaken by the Director.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by

a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The petition lacks item(s) 4.

In regard to item 4, petitioner should note that the instant petition includes a statement identifying the basis for the special status (i.e., whether the instant invention (1) materially enhances the quality of the environment or materially contributes to (2) development of renewable energy resources or energy conservation, or (3) greenhouse gas reduction) as required by sections II and III of the notice. However, as stated in the notice, applicant must also provide a statement pertaining to the materiality standard if the application disclosure is not clear on its face as to the materiality of the basis for the special status of the invention. It is not agreed that the application on its face meets that materiality standard.

Applicants argue that the instant invention relates to improved methods and compositions for molecular separation to efficiently remove hazardous waste pollutants and/or to purify desired products. The instant claims however are merely directed to a method for molecular separation. There is no mention of removal of hazardous waste or the purification of the products mentioned in the arguments filed with the instant petition. The materiality standard does not permit an applicant to speculate how an end user might specifically apply the invention in a manner that could materially contribute to (1) materially enhancing the quality of the environment or materially contributing to (2) development of renewable energy resources or energy conservation, or (3) greenhouse gas reduction.

Any reconsideration of this decision should be submitted through the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen.

Telephone inquiries concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1732 for action in its regular turn.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Atty Docket No. 136163-010104/CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:	Bishop et al.	CONFIRMATION NO.:	1089
SERIAL NO.:	13/293,703	GROUP NO.:	1732
FILING DATE:	Nov. 10, 2011	EXAMINER:	Not Yet Assigned
TITLE:	Structure for Molecular Separations		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION FOR RECONSIDERATION

This Petition for Reconsideration ("Petition") is in response to the Decision on Petition to Make Special Under the Green Technology Pilot Program ("Decision") dated December 15, 2011. This Petition is being timely filed on January 17, 2012, because Monday, January 16, 2012 is a Federal Holiday.

The Decision on page 2 states that while meeting the other requirements under the Green Technology Pilot Program, "[t]he instant claims however are merely directed to a method for molecular separation. There is no mention of removal of hazardous waste or the purification of the products mentioned in the arguments filed with the instant petition." In the concurrently filed Preliminary Amendment (courtesy copy attached), Applicants have added new dependent claims 21-23, which recite "wherein the molecules are unwanted molecules in one or more of biomass conversion, oil and petrochemical production, coal gasification, pulp and paper production, and natural gas production." Support for new claims 21-23 can be found at, for example, paragraph [0072] of the originally-filed specification. Additionally, Applicants note that the total number of claims remain 20 because claims 3, 10 and 17 have been cancelled.

Applicants respectfully submit that the claimed invention, as amended, is directed to methods for molecular separation to remove unwanted molecules and/or to purify desired products from biomass conversion, oil and petrochemical production, coal gasification, pulp and paper production, and natural gas production. As such, the present invention materially enhances

the quality of the environment by contributing to the maintenance of basic life-sustaining natural elements such as air, water and/or soil.

Accordingly, Applicants respectfully submit that the present application meets the eligibility requirements under the Green Technology Pilot Program and request the application be accorded special status. Reconsideration and withdrawal of the Decision is respectfully requested. Should the Examiner have any questions, the Examiner is cordially invited to contact the undersigned.

Date: January 17, 2012

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COPY

Atty Docket No. 136163-010104/CON

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS:	Bishop et al.	CONFIRMATION NO.:	1089
SERIAL NO.:	13/293,703	GROUP NO.:	1732
FILING DATE:	Nov. 10, 2011	EXAMINER:	Not Yet Assigned
TITLE:	Structure for Molecular Separations		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Prior to an examination on the merits, Applicants respectfully request entry of this Preliminary Amendment. The Commissioner is hereby authorized to charge any fees required to maintain pendency of this application to Attorney's Deposit Account No. 50-2678, Ref. No. 136163-010104/CON.

- **Amendments to the Claims** begin on page 2;
- **Remarks** begin on page 5.

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AMENDMENTS TO THE CLAIMS

The following Listing of the Claims will replace all prior versions and listings of the claims in the present application:

Listing of the Claims:

1. (Currently amended) A method for molecular separation, comprising:

situating in a fluid flow an array of pores each approximating a double-stranded DNA molecule;

directing the fluid flow into the pores; and

permitting the pores to trap molecules within the fluid flow, so as to separate the molecules from the fluid flow.

2. (Original) The method of claim 1, wherein in the step of situating, the pores extend through a substrate material.

3. (Cancelled)

4. (Original) The method of claim 1, wherein the step of directing includes directing the fluid flow at least one of axially through the pores and substantially perpendicularly to the pores.

5. (Original) The method of claim 1, wherein the step of directing includes minimizing back pressure generated from the fluid flow entering into the pores.

6. (Original) The method of claim 1, wherein the step of permitting includes binding the molecules with a catalytic material attached to the pores.

7. (Original) A method for molecular separation, comprising:

providing a plurality of pores each having a diameter between about 5 angstroms and about 20 angstroms in at least one dimension and suitable for molecular separation;

directing a fluid flow having molecules therein against the pores; and

permitting the pores to trap the molecules directed into the pores with the fluid flow, so as to separate the molecules from the fluid flow.

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8. (Original) The method of claim 7, wherein in the step of providing, the pores extend through a substrate material.

9. (Currently amended) The method of claim 7, wherein in the step of providing, each pore approximates a double-stranded DNA molecule.

10. (Cancelled)

11. (Original) The method of claim 7, wherein the step of directing includes directing the fluid flow at least one of axially through the pores and substantially perpendicularly to the pores.

12. (Original) The method of claim 7, wherein the step of directing includes minimizing back pressure generated from the fluid flow entering into the pores.

13. (Original) The method of claim 7, wherein the step of permitting includes binding the molecules with a catalytic material attached to the pores.

14. (Original) A method for molecular separation, comprising:

providing an array of pores each having a catalytic material attached thereto;

directing a fluid flow against the pores; and

permitting the catalytic material to bind with molecules within the fluid flow, so as to separate the molecules from the fluid flow.

15. (Original) The method of claim 14, wherein in the step of providing, the pores extend through a substrate material.

16. (Currently amended) The method of claim 14, wherein in the step of providing, each pore approximates a double-stranded DNA molecule.

17. (Cancelled)

18. (Original) The method of claim 14, wherein the step of directing includes directing the fluid flow at least one of axially through the pores and substantially perpendicularly to the pores.

19. (Original) The method of claim 14, wherein the step of directing includes minimizing back pressure generated from the fluid flow entering into the pores.

20. (Original) The method of claim 14, wherein in the step of permitting, the molecules are capable of reacting with the catalytic material.

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21. (New) The method of claim 1, wherein the molecules are unwanted molecules in one or more of biomass conversion, oil and petrochemical production, coal gasification, pulp and paper production, and natural gas production.

22. (New) The method of claim 7, wherein the molecules are unwanted molecules in one or more of biomass conversion, oil and petrochemical production, coal gasification, pulp and paper production, and natural gas production.

23. (New) The method of claim 14, wherein the molecules are unwanted molecules in one or more of biomass conversion, oil and petrochemical production, coal gasification, pulp and paper production, and natural gas production.

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REMARKS

This Preliminary Amendment cancels claims 3, 10, and 17 and amends claims 1, 9, and 16. Amendments to claims 1, 9, and 16 are supported by, for example, cancelled claims and paragraph [0018] of the originally-filed specification.

New claims 21-23 have been added. Support for new claims 21-23 can be found at, or example, paragraph [0072] of the originally-filed specification.

No new matter is added by these amendments. Applicants have amended certain claims solely to expedite prosecution of the application. In making these amendments, Applicants are not abandoning or surrendering any of the subject matter in previous versions or listings of the claims or in the application. Accordingly, Applicants reserve the right to pursue claims of similar, narrower, or broader scope in the future.

The Examiner is cordially invited to call the undersigned for any question concerning this application.

Date: January 17, 2012

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United States Patent and Trademark Office
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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/293,703	11/10/2011	Karl D. Bishop	136163-010104/CIP/CON	1089

35893 7590 02/01/2012
GREENBERG TRAURIG (BOS)
ONE INTERNATIONAL PLACE, 20th FL
ATTN: PATENT ADMINISTRATOR
BOSTON, MA 02110

EXAMINER	
NGUYEN, COLETTE B	
ART UNIT	PAPER NUMBER
1732	

NOTIFICATION DATE	DELIVERY MODE
02/01/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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cadanoc@gtlaw.com
langj@gtlaw.com

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Alexandria, VA 22313-1450
www.uspto.gov

GREENBERG TRAURIG (BOS)
ONE INTERNATIONAL PLACE, 20th FL
ATTN: PATENT ADMINISTRATOR
BOSTON MA 02110

2/1/12

In re Application of	:	
Bishop et al.	:	DECISION ON PETITION
Application No. 13/293,703	:	TO MAKE SPECIAL UNDER
Filed: 11/10/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **136163-010104/CIP/CON**	:	PILOT PROGRAM

This is a decision on the request for reconsideration, filed 1/17/2012, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1732 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 800KT-000242	Application Number (if known): Unassigned	Filing date: Unassigned

First Named Inventor: Danielle A. FONG

Title: COMPRESSED AIR ENERGY STORAGE SYSTEM UTILIZING TWO-PHASE FLOW TO FACILITATE HEAT EXCHANGE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Steve Y. Cho/	Date November 9, 2011
Name (Print/Typed) Steve Y. Cho	Registration Number 44,612

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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Alexandria, Virginia 22313-1450
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/293,866	11/10/2011	Danielle A. Fong	800KT-000242US	2775

83274 7590 12/08/2011

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043

EXAMINER	
ART UNIT	PAPER NUMBER
3745	

NOTIFICATION DATE	DELIVERY MODE
12/08/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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P.O. Box 1450
Alexandria, VA 22313-1450
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AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace WA 98043

In re Application of
FONG, DANIELLE A. et. al.
Application No. 13/293,866
Filed: November 10, 2011
Attorney Docket No. 800KT-000242US

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed November 10, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **granted**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

If reconsideration of this decision is desired, a petition for reconsideration must be filed within ONE (1) MONTH OR THIRTY (30) DAYS from the mail date of this decision, whichever is longer. No extension of this time limit can be granted under 37 CFR 1.136(a) or (b). The petition for reconsideration should include an exhaustive attempt to provide the lacking item(s) noted below, since, after a decision on the petition for reconsideration, no further reconsideration or review of the matter will be undertaken by the Director.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by

a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Henry C. Yuen at 571-272-4856.

This application will be forwarded to the Technology Center Art Unit 3745 for action on the merits commensurate with this decision.

/Henry C. Yuen/

Henry C. Yuen
Quality Assurance Specialist
Technology Center TC 3700

PATENT
Attorney Docket No.: 800KT-000243US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Danielle A. FONG et al.

Application No.: Not Yet Assigned
Continuation Appl. No. 12/701,039

Filed: Herewith

For: COMPRESSED AIR ENERGY STORAGE SYSTEM UTILIZING TWO-PHASE FLOW TO FACILITATE HEAT EXCHANGE

Customer No.: 83274

Confirmation No.: Not Yet Assigned

Examiner: Not Yet Assigned

Technology Center/Art Unit: Not Yet Assigned

STATEMENT IN SUPPORT OF GREEN TECHNOLOGY PETITION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby request participation in the Green Technology Pilot Program for the above-identified continuation application, pursuant to 37 C.F.R. 1.102.

The application is a non-reissue, non-provisional utility application filed under 35 USC 111(a). As submitted herewith, the application contains no more than three independent claims, twenty or fewer total claims, and no multiple dependent claims.

Early publication is requested under 37 CFR 1.219. The publication fee of $300 set forth in CFR 1.18(d) accompanies this petition request.

The claims of this patent application materially contribute to: (1) the discovery or development of renewable energy resources. Specifically, claim 1 recites an apparatus comprising a piston moveable within a cylinder to compress gas within the cylinder, and a rotating shaft configured to drive the piston via a linkage. As employed in an energy storage system utilizing compressed gas, such an apparatus can enhance the quality of the environment and reduce greenhouse gases, by allowing energy from intermittent renewable energy resources (such as wind and solar) to be accessible for consumption at times other than when provided by nature. For example, absent some sort of energy storage, wind energy provided by nature during

times of low demand (such as at night or on weekends) or at times of ready availability of other energy resources, may be wasted.

By contrast, energy storage system may allow renewable energy to be stored and then recovered at some later time in order to meet peak demand (such as occurs Mon-Friday between 7AM-5PM). Making energy from intermittent renewable energy resources accessible reduces the burden on fossil fuel-burning/greenhouse gas-emitting "peaker" power plants to otherwise meet peak demand. This promotes the development of renewable energy resources.

It is noted that particular embodiments may rely upon "green" materials such as compressed air. By contrast, other approaches to energy storage (for example electrochemical cells), can utilize less environmentally-friendly materials.

By filing this petition, Applicants hereby agree to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Programs if the Office determines that the claims are not obviously directed to a single invention. In addition, the publication fee set forth in 37 CFR 1.18(d) has been submitted with this request.

The Commissioner is authorized to charge any deficiency in any fees required under 37 C.F.R. 1.16 and/or 1.17, including extension of time fees, and credit any overpayment to Deposit Account No. 50-4713. If a telephone conference would expedite prosecution of this application, please telephone the undersigned at 425-348-3500.

Respectfully submitted,

/Steve Y. Cho/

Steve Y. Cho for Kent J. Tobin
Reg. No. 44,612 / 39,496

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043
Tel: 425-348-3500
Fax: 425-968-9795

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 800KT-000243US	Application Number (if known): Unassigned	Filing date: Unassigned

First Named Inventor: Danielle A. FONG

Title: COMPRESSED AIR ENERGY STORAGE SYSTEM UTILIZING TWO-PHASE FLOW TO FACILITATE HEAT EXCHANGE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Steve Y. Cho/	Date November 9, 2011
Name (Print/Typed) Steve Y. Cho	Registration Number 44,612

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/293,882	11/10/2011	Danielle A. Fong	800KT-000243US	6429

83274 7590 12/14/2011
AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043

EXAMINER	
ART UNIT	PAPER NUMBER
3745	

NOTIFICATION DATE	DELIVERY MODE
12/14/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

DOCKETING@AMPACC.COM
email@ampacc.com

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Alexandria, VA 22313-1450
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AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace WA 98043

In re Application of
FONG, DANIELLE A. et al
Application No. 13/293,882
Filed: Nov. 10, 2011
Attorney Docket No. 800KT-000243US

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed Nov. 10, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **dismissed**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

If reconsideration of this decision is desired, a petition for reconsideration must be filed within ONE (1) MONTH OR THIRTY (30) DAYS from the mail date of this decision, whichever is longer. No extension of this time limit can be granted under 37 CFR 1.136(a) or (b). The petition for reconsideration should include an exhaustive attempt to provide the lacking item(s) noted below, since, after a decision on the petition for reconsideration, no further reconsideration or review of the matter will be undertaken by the Director.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed

invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived. The petition lacks item # 4.

In regard to item 4, petitioner should note that the instant petition includes a statement identifying the basis for the special status (i.e., whether the instant invention (1) materially enhances the quality of the environment or materially contributes to (2) development of renewable energy resources or energy conservation, or (3) greenhouse gas reduction) as required by sections II and III of the notice. However, as stated in the notice, applicant must also provide a statement pertaining to the materiality standard if the application disclosure is not clear on its face as to the materiality of the basis for the special status of the invention. This petition lacks such a statement and it is not agreed that the application on its face meets that materiality standard. Petitioner states that the claimed invention relates to green technology. This is not convincing. For example, it is not clear how the claimed computer with software to control an operational property based on a signal and its resultant calculation will provide and enhance the quality of the environment or contribute to development of renewable energy resources or energy conservation or greenhouse gas reduction.

Any reconsideration of this decision should be submitted through the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Telephone inquiries concerning this decision should be directed to Henry C. Yuen at 571-272-4856. The application will be forwarded to the Technology Center Art Unit 3745 for action in its regular turn.

/Henry C. Yuen/

Henry C. Yuen
Quality Assurance Specialist
Technology Center 3700

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

In re Application of
Marshall Medoff

Application No. 13293985

Filed: November 10,2011

Attorney Docket No. 00122-1US

:
:
:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)
:

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 21-DEC-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13293985	Confirmation Number	9900	Filing Date	2011-11-10
Attorney Docket Number (optional)	00122-1US	Art Unit	1722	Examiner	Not yet assigned
First Named Inventor	Marshall MEDOFF				
Title of Invention	PROCESSING HYDROCARBON-CONTAINING MATERIALS				

Attention: Office of Petitions

An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
Marshall		MEDOFF	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

◉ (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Celia H. Leber/	Date (YYYY-MM-DD)	2011-12-21
Name	Celia H. Leber	Registration Number	33524

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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BEYER LAW GROUP LLP
P.O. BOX 1687
CUPERTINO CA 95015-1687

MAILED
DEC 22 2011
OFFICE OF PETITIONS

In re Application of :
William R. WELLS :
Application No. 13/294,064 : DECISION ON PETITION
Filed: November 10, 2011 : TO MAKE SPECIAL UNDER
Attorney Docket No. LFG1P002C1 : 37 CFR 1.102(c)(1)
:

This is a decision on the petition under 37 CFR 1.102(c)(1), filed November 18, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement made by registered attorney David P. Olynick, which will be treated as the result of the attorney having evidence that the applicant is 65 years of age or more. In the event that such evidence is not with the attorney, the Office should be notified immediately. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to undersigned at (571) 272-6735.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center at (571) 272-3700.

The application is being forwarded to Technology Center Art Unit 3716 for action on the merits commensurate with this decision.

/Diane C. Goodwyn/
Diane C. Goodwyn
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 252359 (12704-122)	Application Number (if known): 13/294409	Filing date: November 11, 2011

First Named Inventor: Mazen Mohamad Khattab et al.

Title: Charging Device and Method of Detecting a Connection to Ground

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement in Support of Petition to Make Special

Signature /Robert A. Reid/	Date 12/19/2011
Name (Print/Typed) Robert A. Reid	Registration Number 63879

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

252359

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mazen Mohamad Khattab et al.	:	Art Unit: 2858
Serial No.: 13/294,409	:	Conf. No.: 4846
Filed: November 11, 2011	:	Examiner: TBD
For: CHARGING DEVICE AND METHOD OF DETECTING A CONNECTION TO GROUND	:	

STATEMENT IN SUPPORT OF PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants respectfully request that the above referenced application be made Special under the Green Technology Pilot Program because the present invention materially enhances the quality of the environment, materially contributes to the more efficient utilization and conservation of energy resources, and/or materially contributes to green house gas emission reduction.

The present application relates generally to charging devices and, more particularly, to a charging device and a method of detecting a connection to ground. (See [0001]).

As electric vehicles and/or hybrid electric vehicles have gained popularity, an associated need to manage delivery of electrical energy to such vehicles has increased. In addition, a need to provide safe and efficient charging devices or stations has been created by the increased use of such vehicles. (See [0002]).

At least some known charging stations include a power cable or other conductor that may be removably coupled to the electric vehicle. The charging stations receive electricity

from an electric utility distribution network or another electricity source, and deliver electricity to the electric vehicle through the power cable. (See [0003]).

Known charging stations include one or more connections to ground, such as one or more connections to a physical ground or to a conductor for returning current from components within the charging station. Such connections to ground may provide a path to dissipate undesired currents, for example. However, at least some known charging stations may not effectively and/or efficiently determine whether the ground connection is properly provided. (See [0004]).

In one embodiment, a charging device is provided that includes a current control device configured to receive a first amount of current from a power source. The charging device also includes a ground detection module including a leakage circuit configured to direct a second amount of current to ground to generate a leakage voltage and a comparison circuit configured to detect a connection to ground of the charging device based on the leakage voltage generated. The charging device also includes a controller coupled to the ground detection module and to the current control device. The controller is configured to enable the first amount of current to be supplied to a power storage device of an electric vehicle when the connection to ground is detected. (See [0005]).

In another embodiment, a ground detection module is provided for use with a charging device. The ground detection module includes a ground detection circuit including a leakage circuit configured to direct a first amount of current to ground to generate a leakage voltage, and a comparison circuit configured to detect a connection to ground of the charging device based on the leakage voltage generated. The ground detection circuit also includes an output connector configured to enable a second amount of current to be supplied to a power storage device when the connection to ground is detected. (See [0006]).

In yet another embodiment, a method of detecting a grounding state of a charging device is provided that includes receiving a first amount of current from a power source and directing a second amount of current to ground to generate a leakage voltage. The method also includes receiving a reference voltage, comparing the leakage voltage to the reference

voltage, and detecting a connection to ground based on the comparison of the leakage voltage and the reference voltage. (See [0007]).

In addition, paragraph [0013] of the application states that the charging device described therein may be used to charge, or provide energy to, one or more electric vehicles. Accordingly, embodiments of the charging device contribute to the conservation of energy resources and the reduction of green house gas emissions by encouraging consumers to purchase and use electric vehicles, rather than gasoline-powered vehicles.

For at least the reasons set forth above, Applicants respectfully request that the attached Petition to Make Special under the Green Technology Pilot Program be approved. The Commissioner is hereby authorized to charge any fees relating to this Petition or credit any overpayment to Deposit Account Number 01-2384.

Respectfully Submitted,

/Robert A. Reid/

Robert A. Reid
Registration No. 63,879
ARMSTRONG TEASDALE LLP
7700 Forsyth Boulevard, Suite 1800
St. Louis, Missouri 63105
(314) 621-5070

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/294,409	11/11/2011	Mazen Mohamad Khattab	252359 (12704-122)	4846

45427 7590 01/06/2012

Armstrong Teasdale LLP (12552)
Patrick W. Rasche
7700 Forsyth Boulevard
Suite 1800
St. Louis, MO 63105

EXAMINER	
ASSOUAD, PATRICK J	

ART UNIT	PAPER NUMBER
2858	

NOTIFICATION DATE	DELIVERY MODE
01/06/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

uspatents@armstrongteasdale.com

UNITED STATES PATENT AND TRADEMARK OFFICE

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United States Patent and Trademark Office
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Armstrong Teasdale LLP (12552)
Patrick W. Rasche
7700 Forsyth Boulevard
Suite 1800
St. Louis MO 63105

JAN 6 2012

In re Application of :
KHATTAB et al. : DECISION ON PETITION
Application No. 13/294,409 : TO MAKE SPECIAL UNDER
Filed: November 11, 2011 : THE GREEN TECHNOLOGY
Attorney Docket No. 252359 (12704-122) : PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on December 19, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: NUTI 101	Application Number (if known):	Filing date: November 11, 2011

First Named Inventor: Benjamin David Lux

Title: Fluid Activatable Adhesives and Fluids for Activating Same for Use with Liner-Free Labels

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date November 11, 2011
Name (Print/Typed) Michael J. Terapane, Ph.D., J.D.	Registration Number 57,633

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/294,438	11/11/2011	Benjamin David Lux	NUTI 101	2025

23579 7590 12/15/2011

Pabst Patent Group LLP
1545 PEACHTREE STREET NE
SUITE 320
ATLANTA, GA 30309

EXAMINER	
ART UNIT	PAPER NUMBER
1788	

MAIL DATE	DELIVERY MODE
12/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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Pabst Patent Group LLP
1545 PEACHTREE STREET NE
SUITE 320
ATLANTA GA 30309

12/13/2011

In re Application of :
Lux et al. :
Application No. 13/294,438 :
Filed: 11/11/2011 :
Attorney Docket No. **NUTI 101** :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/11/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1788 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

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MARK D. SARALINO (PAN)
RENNER, OTTO, BOISSELLE
& SKLAR, LLP
1621 EUCLID AVENUE
19TH FLOOR
CLEVELAND OH 44115

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

In re Application of
YOSHIDA, et al
Application No.: 13/294,537
Filed: November 11, 2011
Attorney Docket No.: OKUDP0643WO US
For: METHOD FOR MANUFACTURING NITRIDE SEMICONDUCTOR ELEMENT

This is a decision on the request and Supplement to the Request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed November 22, 2011, to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PPH pilot program and petition to make special require:

1. The U.S. application is

    a. a Paris Convention application which either
        i. validly claims priority under 35 U.S.C. 119(a) and 37 CFR 1.55 to one or more applications filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
    b. a national stage application under the PCT (an application which entered the national stage in the U.S. from a PCT international application after compliance with 35 U.S.C. 371), which PCT application
        i. validly claims priority to an application filed in the JPO, or
        ii. validly claims priority to a PCT application that contains no priority claims, or
        iii. contains no priority claim, or

c. a so-called bypass application filed under 35 U.S.C. 111(a) which validly claims benefit under 35 U.S.C. 120 to a PCT application, which PCT application
    i. validly claims priority to an application filed in the JPO, or
    ii. validly claims priority to a PCT application that contains no priority claims, or
    iii. contains no priority claim;

2. Applicant must submit a copy of:
    a. The allowable/patentable claim(s) from the JPO application(s);
    b. An English translation of the allowable/patentable claim(s) and
    c. A statement that the English translation is accurate;
3. Applicant must:
    a. Ensure all the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the JPO application(s) and
    b. Submit a claims correspondence table in English;
4. Examination of the U.S. application has not begun;
5. Applicant must submit:
    a. Documentation of prior office action:
        i. a copy of the office action(s) just prior to the "Decision to Grant a Patent" from each of the JPO application(s) containing the allowable/patentable claim(s) or
        ii. if the allowable/patentable claims(s) are from a "Notification of Reasons for Refusal" then the Notification of Reasons for Refusal or
        iii. if the JPO application is a first action allowance then no office action from the JPO is necessary should be indicated on the request/petition form;
    b. An English language translation of the JPO Office action from (5)(a)(i)-(ii) above
    c. A statement that the English translation is accurate;
6. Applicant must submit:
    a. An IDS listing the documents cited by the JPO examiner in the JPO office action (unless already submitted in this application)
    b. Copies of the documents except U.S. patents or U.S. patent application publications (unless already submitted in this application);

The request to participate in the PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Inquiries concerning this decision should be directed to Diane Goodwyn at (571) 272-6735.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application is being forwarded to Technology Center Art Unit 2812 for action on the merits commensurate with this decision.

Ramesh Krishnamurthy

RAMESH KRISHNAMURTHY

for David A. Bucci
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: NUTI 100	Application Number (if known):	Filing date: November 11, 2011

First Named Inventor: Benjamin David Lux

Title: Fluid Activatable Adhesives and Fluids for Activating Same for Use with Liner-Free Labels

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date November 11, 2011
Name (Print/Typed) Michael J. Terapane, Ph.D., J.D.	Registration Number 57,633

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/294,545	11/11/2011	Benjamin David Lux	NUTI 100	9944

23579 7590 12/15/2011

Pabst Patent Group LLP
1545 PEACHTREE STREET NE
SUITE 320
ATLANTA, GA 30309

EXAMINER	
ART UNIT	PAPER NUMBER
1788	

MAIL DATE	DELIVERY MODE
12/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
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Pabst Patent Group LLP
1545 PEACHTREE STREET NE
SUITE 320
ATLANTA GA 30309

12/15/2011

In re Application of	:	
Lux et al.	:	DECISION ON PETITION
Application No. 13/294,545	:	TO MAKE SPECIAL UNDER
Filed: 11/11/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **NUTI 100**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/11/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1788 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/294,621	11/11/2011	Michael D. George	2986-9351.2US	1694

24247 7590 12/06/2011
TRASKBRITT, P.C.
P.O. BOX 2550
SALT LAKE CITY, UT 84110

EXAMINER	
ART UNIT	PAPER NUMBER
3634	

NOTIFICATION DATE	DELIVERY MODE
12/06/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

USPTOMail@traskbritt.com

Doc Code: TRACK1.GRANT DEC 0 6 2011

Decision Granting Request for Prioritized Examination (Track I)	Application No.: 13/294,621

1. THE REQUEST FILED 11/11/11 IS **GRANTED**.

The above-identified application has met the requirements for prioritized examination (Track I).

2. **The above-identified application will undergo prioritized examination.** The application will be accorded special status throughout its entire course of prosecution until one of the following occurs:

   A. filing a **petition for extension of time** to extend the time period for filing a reply;

   B. filing an **amendment to amend the application to contain more than four independent claims, more than thirty total claims**, or a multiple dependent claim;

   C. filing a **request for continued examination**;

   D. filing a notice of appeal;

   E. filing a request for suspension of action;

   F. mailing of a notice of allowance;

   G. mailing of a final Office action;

   H. completion of examination as defined in 37 CFR 41.102; or

   I. abandonment of the application.

Telephone inquiries with regard to this decision should be directed to STEVEN MEYERS at (571) 272-6611. In his/her absence, calls may be directed to ROBERT WEINHARDT (571) 272-6633.

[Signature]

TC QUALITY ASSURANCE SPECIALIST
(Title)

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/294,641	11/11/2011	Michael D. George	2986-9351.1US	8771

24247 7590 12/06/2011

TRASKBRITT, P.C.
P.O. BOX 2550
SALT LAKE CITY, UT 84110

EXAMINER	
ART UNIT	PAPER NUMBER
3634	

NOTIFICATION DATE	DELIVERY MODE
12/06/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

USPTOMail@traskbritt.com

Doc Code: TRACK1.GRANT DEC 0 6 2011

Decision Granting Request for Prioritized Examination (Track I)	Application No.: 13/294,641

1. THE REQUEST FILED 11/11/11 IS **GRANTED**.

The above-identified application has met the requirements for prioritized examination (Track I).

2. **The above-identified application will undergo prioritized examination.** The application will be accorded special status throughout its entire course of prosecution until one of the following occurs:

   A. filing a **petition for extension of time** to extend the time period for filing a reply;

   B. filing an **amendment to amend the application to contain more than four independent claims, more than thirty total claims**, or a multiple dependent claim;

   C. filing a **request for continued examination**;

   D. filing a notice of appeal;

   E. filing a request for suspension of action;

   F. mailing of a notice of allowance;

   G. mailing of a final Office action;

   H. completion of examination as defined in 37 CFR 41.102; or

   I. abandonment of the application.

Telephone inquiries with regard to this decision should be directed to STEVEN MEYERS at (571) 272-6611. In his/her absence, calls may be directed to ROBERT WEINHARDT (571) 272-6633.

[Signature]

TC QUALITY ASSURANCE SPECIALIST
(Title)

Attorney Docket No. GCOM-001/03US 312615-2044 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	Eric INGERSOLL et al.	Confirmation No.:	Unassigned
Serial No.:	Unassigned	Group Art Unit:	Unassigned
Filed:	Herewith	Examiner:	Unassigned

FOR: **SYSTEM AND METHODS FOR OPTIMIZING EFFICIENCY OF A HYDRAULICALLY ACTUATED SYSTEM**

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT OF SPECIAL STATUS

Submitted herewith is a Petition to Make Special Under the Green Technology Pilot Program for the above-identified patent application. Applicants submit that the claimed invention will materially contribute to the development of renewable energy sources and/or the more efficient utilization and conservation of energy resources. The invention relates generally to systems and methods of optimizing the energy efficiency of hydraulic actuation systems, for use in, for example, storing energy using a system and methods for optimizing the efficiency of a compressed air energy storage (CAES) system. Such systems and methods provide an efficient solution to a persistent problem with intermittent energy-generation systems (e.g., wind and solar renewable energy) by providing systems and methods for storing and recovering energy from those sources, thereby making them deployable on a widespread and practical basis.

The claimed invention also improves the efficiency of said energy storage and recovery systems by optimizing bi-directional piston movement within a device or system used to compress and/or expand a gas, such as air, in a CAES system. In addition, the invention assists in reducing green house gas emissions due to increased overall fuel consumption that is attendant to the inability of traditional power plants to adjust to fluctuating power demand. Furthermore, the claimed invention helps eliminate the need for rapidly-deployable gas turbines or generators that

require the use of non-renewable energy resources (e.g., natural gas and diesel fuel) and are environmentally damaging due to their inherent noise and emissions.

Accordingly, Applicant requests that this Petition to Make Special be granted and the application undergo accelerated examination.

Under 37 CFR § 1.102(c), no fee is required. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed, or which should have been filed herewith to our Deposit Account No. 50-1283.

Dated: November 11, 2011

Respectfully submitted,
COOLEY LLP

By: Scott B. Weston
Scott B. Weston
Reg. No. 55,854

COOLEY LLP
ATTN: Patent Group
777 6th Street NW, Suite 1100
Washington, DC 20001

Tel: (617) 937-2327
Fax: (202) 842-7899

86197 v1/BN

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: GCOM-001/03US	Application Number (if known):	Filing date: Herewith
First Named Inventor: Eric INGERSOLL		
Title: SYSTEM AND METHODS FOR OPTIMIZING EFFICIENCY OF A HYDRAULICALLY ACTUATED SYSTEM		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Preliminary Amendment

Signature /Scott B. Weston/	Date November 11, 2011
Name (Print/Typed) Scott B. Weston	Registration Number 55,854

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

[X] *Total of 1 forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/420 (11-10)
Approved for use through 01/31/2011. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Instruction Sheet for Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111 (a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/294,660	11/11/2011	Eric D. Ingersoll	GCOM-001/03US 312615-2044	5403

58249 7590 12/15/2011

COOLEY LLP
ATTN: Patent Group
Suite 1100
777 - 6th Street, NW
WASHINGTON, DC 20001

EXAMINER	
ART UNIT	PAPER NUMBER
3745	

MAIL DATE	DELIVERY MODE
12/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

COOLEY LLP
ATTN: Patent Group
Suite 1100
777 - 6th Street, NW
WASHINGTON DC 20001

In re Application of	:	
ERIC D. INGERSOLL	:	DECISION ON PETITION
Application No. 13/294660	:	TO MAKE SPECIAL UNDER
Filed: November 11, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No.	:	PILOT PROGRAM
GCOM-013/01US 312615-000		

This is a decision on the petition under 37 CFR 1.102, filed November 11, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Henry Yuen at 571-272-4856.

The application is being forwarded to the Technology Center Art Unit 3745 for action on the merits commensurate with this decision.

/Henry Yuen/

Henry Yuen
Quality Assurance Specialist
Technology Center 3700

Doc Code: PPH.PCT.652
Document Description: Petition to make special under PCT-Patent Pros Hwy

PTO/SB/20PCT-JP (05-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PATENT COOPERATION TREATY - PATENT PROSECUTION HIGHWAY (PCT-PPH) PILOT PROGRAM BETWEEN THE JAPAN PATENT OFFICE (JPO) AND THE USPTO

Application No:	13/294,727	Filing date:	11 November 2011
First Named Inventor:	Tomohiro FUJITA		
Title of the Invention:	SEMICONDUCTOR DEVICE AND METHOD FOR FABRICATING THE SAME		

THIS REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM ALONG WITH THE REQUIRED DOCUMENTS MUST BE SUBMITTED VIA EFS-WEB. INFORMATION REGARDING EFS-WEB IS AVAILABLE AT HTTP://WWW.USPTO.GOV/EBC/EFS_HELP.HTML

APPLICANT HEREBY REQUESTS PARTICIPATION IN THE PCT-PPH PROGRAM AND PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE PCT-PPH PROGRAM.

The above-identified application is (1) a national stage entry of the corresponding PCT application, or (2) a national stage entry of another PCT application which claims priority to the corresponding PCT application, or (3) a national application that claims domestic/ foreign priority to the corresponding PCT application, or (4) a national application which forms the basis for the priority claim in the corresponding PCT application, or (5) a continuing application of a U.S. application that satisfies one of (1) to (4) above, or (6) a U.S. application that claims domestic benefit to a U.S. provisional application which forms the basis for the priority claim in the corresponding PCT application.

The corresponding PCT application number(s) is/are: PCT/JP2010/001143

The international date of the corresponding PCT application(s) is/are: 22 February 2010

I. List of Required Documents:

a. **A copy of the latest international work product (WO/ISA, WO/IPEA, or IPER) in the above–identified corresponding PCT application(s)**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

b. **A copy of all claims which were indicated as having novelty, inventive step and industrial applicability in the above-identified corresponding PCT application(s).**

☑ Is attached.

☐ Is not attached because the document is already in the U.S. application.

c. **English translations of the documents in a. and b. above are attached (if the documents are not in the English language). A statement that the English translation is accurate is attached for the document in b. above.**

This collection of information is required by 35 U.S.C. 119, 37 CFR 1.55, and 37 CFR 1.102(d). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM BETWEEN THE JPO AND THE USPTO

(continued)

Application No.:	13/294,727
First Named Inventor:	Tomohiro FUJITA

d. **(1) An information disclosure statement listing the documents cited in the international work products (ISR, WO/ISA, WO/IPEA, IPER) of the corresponding PCT application.**

☐ Is attached

☑ Has already been filed in the above-identified U.S. application on 11 November 2011

(2) Copies of all documents (except) for U.S. patents or U.S. patent application publications)

☐ Are attached.

☑ Have already been filed in the above-identified U.S. application on 11 November 2011

II. Claims Correspondence Table:

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
1	1	same
2	2	same
3	3	same
4	4	same, except US claim depends from claim 1
5	5	same, except US claim depends from claim 1
6	6	same, except US claim depends from claim 1
7	7	same, except US claim depends from claim 1
8	8	same, except US claim depends from claim 1
9	9	same, except US claim depends from claim 1
10	1	US claim depends from and is narrower than claim 1
11	1	US claim depends from and is narrower than claim 1
12	11	US claim depends from and is narrower than claim 11
13	1	US claim depends from and is narrower than claim 1
14	1	US claim depends from and is narrower than claim 1
15	1	US claim depends from and is narrower than claim 1

III. All the claims in the US application sufficiently correspond to the patentable claims in the corresponding PCT application.

Signature	Date November 17, 2011
Name (Print/Typed) Michael E. Fogarty	Registration Number 36,139

CERTIFICATE OF TRANSLATION

I, the undersigned, hereby certify

that I am well acquainted with the English and Japanese languages,

that I prepared the attached document, and

that, to the best of my knowledge and belief, the attached document is an accurate translation of granted claims of PCT International Application No. PCT/JP2010/001143 filed on February 22, 2010.

I declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true.

Y. Naka

Yukari NAKAMOTO

S
D

PPH

特許協力条約

前田
'10.6.02
特許

発信人　日本国特許庁（国際調査機関）

代理人
前田弘

様

あて名
〒541-0053
日本国大阪府大阪市中央区本町２丁目５番７号　大阪丸紅ビル

PCT
国際調査機関の見解書
（法施行規則第40条の2）
〔PCT規則43の2.1〕

発送日 （日.月.年）　01.06.2010	
出願人又は代理人 の書類記号　P055570P0	今後の手続きについては、下記２を参照すること。
国際出願番号 PCT／JP2010／001143	国際出願日 （日.月.年）　22.02.2010
優先日 （日.月.年）　17.07.2009	
国際特許分類（IPC）Int.Cl. H01L21/8238(2006.01)i, H01L27/092(2006.01)i, H01L29/78(2006.01)i	
出願人（氏名又は名称） パナソニック株式会社	

１．この見解書は次の内容を含む。

- [x] 第Ⅰ欄　見解の基礎
- [ ] 第Ⅱ欄　優先権
- [ ] 第Ⅲ欄　新規性、進歩性又は産業上の利用可能性についての見解の不作成
- [ ] 第Ⅳ欄　発明の単一性の欠如
- [x] 第Ⅴ欄　PCT規則43の2.1(a)(i)に規定する新規性、進歩性又は産業上の利用可能性についての見解、それを裏付けるための文献及び説明
- [ ] 第Ⅵ欄　ある種の引用文献
- [ ] 第Ⅶ欄　国際出願の不備
- [ ] 第Ⅷ欄　国際出願に対する意見

２．今後の手続き
国際予備審査の請求がされた場合は、出願人がこの国際調査機関とは異なる国際予備審査機関を選択し、かつ、その国際予備審査機関がPCT規則66.1の2(b)の規定に基づいて国際調査機関の見解書を国際予備審査機関の見解書とみなさない旨を国際事務局に通知していた場合を除いて、この見解書は国際予備審査機関の最初の見解書とみなされる。

この見解書が上記のように国際予備審査機関の見解書とみなされる場合、様式PCT／ISA／220を送付した日から３月又は優先日から２２月のうちいずれか遅く満了する期限が経過するまでに、出願人は国際予備審査機関に、適当な場合は補正書とともに、答弁書を提出することができる。

さらなる選択肢は、様式PCT／ISA／220を参照すること。

３．さらなる詳細は、様式PCT／ISA／220の備考を参照すること。

見解書を作成した日 14.05.2010	
名称及びあて先 日本国特許庁（ISA／JP） 郵便番号100－8915 東京都千代田区霞が関三丁目４番３号	特許庁審査官（権限のある職員）　4M　3840 宮部　裕一 電話番号　03－3581－1101　内線　3462

様式PCT／ISA／237（表紙）（2009年7月）

国際調査機関の見解書

国際出願番号 PCT／JP2010／001143

第Ⅰ欄 見解の基礎

1．言語に関し、この見解書は以下のものに基づき作成した。

☑ 出願時の言語による国際出願

☐ 出願時の言語から国際調査のための言語である＿＿＿＿＿＿語に翻訳された、この国際出願の翻訳文
（ＰＣＴ規則12.3(a)及び23.1(b)）

2．☐ この見解書は、ＰＣＴ規則 91 の規定により国際調査機関が認めた又は国際調査機関に通知された明らかな誤りの訂正を考慮して作成した（ＰＣＴ規則 43 の 2.1(b)）。

3．この国際出願で開示されたヌクレオチド又はアミノ酸配列に関して、提出された以下の配列表に基づき見解書を作成した。

a．提出手段 ☐ 紙形式

☐ 電子形式

b．提出時期 ☐ 出願時の国際出願に含まれていたもの

☐ この国際出願と共に電子形式により提出されたもの

☐ 出願後に、調査のために、この国際調査機関に提出されたもの

4．☐ さらに、複数の版の配列表又は配列表の写しを提出した場合、出願後に提出した配列の写し若しくは追加して提出した配列の写しが、出願時に提出した配列と同一である旨又は出願時の開示を超える事項を含まない旨の陳述書の提出があった。

5．補足意見：

国際調査機関の見解書

国際出願番号 PCT／JP2010／001143

第Ⅴ欄 新規性、進歩性又は産業上の利用可能性についてのＰＣＴ規則43の2.1(a)(i)に定める見解、それを裏付ける文献及び説明

1． 見解

新規性（N）	請求項	1-13	有
	請求項		無
進歩性（ＩＳ）	請求項	1-13	有
	請求項		無
産業上の利用可能性（ＩＡ）	請求項	1-13	有
	請求項		無

2． 文献及び説明

文献１：WO 2005/013374 A1（富士通株式会社）2005.02.10
文献２：JP 2004-087695 A（富士通株式会社）2004.03.18
文献３：JP 2005-333164 A（株式会社ルネサステクノロジ）2005.12.02
文献４：JP 2008-211182 A（アンテルユニヴェルシテール・ミクローエレクトロニカ・サントリュム・ヴェー・ゼッド・ドゥブルヴェ）2008.09.11
文献５：JP 2008-305950 A（株式会社ルネサステクノロジ）2008.12.18
文献６：JP 2000-174135 A（三菱電機株式会社）2000.06.23

・請求項１～１３
請求項１～１３に係る発明は、国際調査報告で引用されたいずれの文献にも記載されておらず、当業者にとって自明なものでもない。

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. **PCT/JP2010/001143**

Box No. V Reasoned statement under PCT Rule 43 2.1(a)(i) with regard to novelty, inventive step and industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1-13	YES
	Claims		NO
Inventive step (IS)	Claims	1-13	YES
	Claims		NO
Industrial applicability (IA)	Claims	1-13	YES
	Claims		NO

2. Citation and explanations:

Reference 1: WO 2005/013374 A1 (Fujitsu Limited), February 10, 2005
Reference 2: JP 2004-087695 A (Fujitsu Limited), March 18, 2004
Reference 3: JP 2005-333164 A (Renesas Technology Corp.), December 2, 2005
Reference 4: JP 2008-211182 A (Interuniversity Micro-Electronica Centrum vzw), September 11, 2008
Reference 5: JP 2008-305950 A (Renesas Technology Corp.), December 18, 2008
Reference 6: JP 2000-174135 A (Mitsubishi Electric Corporation), June 23, 2000

None of the references cited in the International Search Report discloses the invention regarding claims 1-13, and the invention is not obvious to those skilled in the art.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2010/001143

A. CLASSIFICATION OF SUBJECT MATTER
H01L21/8238(2006.01)i, *H01L27/092*(2006.01)i, *H01L29/78*(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
H01L21/8238, H01L27/092, H01L29/78

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2010
Kokai Jitsuyo Shinan Koho	1971-2010	Toroku Jitsuyo Shinan Koho	1994-2010

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2005/013374 A1 (Fujitsu Ltd.), 10 February 2005 (10.02.2005), entire text; all drawings & US 2006/0194450 A1	1-13
A	JP 2004-087695 A (Fujitsu Ltd.), 18 March 2004 (18.03.2004), entire text; all drawings & US 2004/0038490 A1	1-13
A	JP 2005-333164 A (Renesas Technology Corp.), 02 December 2005 (02.12.2005), entire text; all drawings (Family: none)	1-13

[X] Further documents are listed in the continuation of Box C. [ ] See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
"E" earlier application or patent but published on or after the international filing date
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
"O" document referring to an oral disclosure, use, exhibition or other means
"P" document published prior to the international filing date but later than the priority date claimed
"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
14 May, 2010 (14.05.10)	01 June, 2010 (01.06.10)
Name and mailing address of the ISA/ Japanese Patent Office	Authorized officer
Facsimile No.	Telephone No.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2010/001143

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2008-211182 A (Interuniversitair Micro-Electronica Centrum VZW), 11 September 2008 (11.09.2008), entire text; all drawings & US 2008/0191286 A1 & EP 1944801 A1 & CN 101221922 A	1-13
A	JP 2008-305950 A (Renesas Technology Corp.), 18 December 2008 (18.12.2008), entire text; all drawings (Family: none)	1-13
A	JP 2000-174135 A (Mitsubishi Electric Corp.), 23 June 2000 (23.06.2000), entire text; all drawings & US 6525380 B2	1-13

特許協力条約

PCT

国際調査報告

(法8条、法施行規則第40、41条)
[PCT18条、PCT規則43、44]

出願人又は代理人 の書類記号 P056670P0	今後の手続きについては、様式PCT/ISA/220 及び下記5を参照すること。	
国際出願番号 PCT/JP2010/001143	国際出願日 (日.月.年) 22. 02. 2010	優先日 (日.月.年) 17. 07. 2009
出願人(氏名又は名称) パナソニック株式会社		

国際調査機関が作成したこの国際調査報告を法施行規則第41条(PCT18条)の規定に従い出願人に送付する。
この写しは国際事務局にも送付される。

この国際調査報告は、全部で 3 ページである。

☐ この調査報告に引用された先行技術文献の写しも添付されている。

1. 国際調査報告の基礎
   a. 言語に関し、この国際調査は以下のものに基づき行った。
      ☑ 出願時の言語による国際出願
      ☐ 出願時の言語から国際調査のための言語である _____ 語に翻訳された、この国際出願の翻訳文(PCT規則12.3(a)及び23.1(b))

   b. ☐ この国際調査報告は、PCT規則91の規定により国際調査機関が認めた又は国際調査機関に通知された明らかな誤りの訂正を考慮して作成した(PCT規則43.6の2(a))。

   c. ☐ この国際出願は、ヌクレオチド又はアミノ酸配列を含んでいる(第I欄参照)。

2. ☐ 請求の範囲の一部の調査ができない(第II欄参照)。

3. ☐ 発明の単一性が欠如している(第III欄参照)。

4. 発明の名称は
   ☑ 出願人が提出したものを承認する。
   ☐ 次に示すように国際調査機関が作成した。

5. 要約は
   ☑ 出願人が提出したものを承認する。
   ☐ 第IV欄に示されているように、法施行規則第47条第1項(PCT規則38.2)の規定により国際調査機関が作成した。出願人は、この国際調査報告の発送の日から1月以内にこの国際調査機関に意見を提出することができる。

6. 図面に関して
   a. 要約書とともに公表される図は、
      第 1 図とする。 ☑ 出願人が示したとおりである。
      ☐ 出願人は図を示さなかったので、国際調査機関が選択した。
      ☐ 本図は発明の特徴を一層よく表しているので、国際調査機関が選択した。

   b. ☐ 要約とともに公表される図はない。

国際調査報告

国際出願番号　PCT／JP2010／001143

A.　発明の属する分野の分類（国際特許分類（IPC））

Int.Cl.　H01L21/8238(2006.01)i, H01L27/092(2006.01)i, H01L29/78(2006.01)i

B.　調査を行った分野

調査を行った最小限資料（国際特許分類（IPC））

Int.Cl.　H01L21/8238, H01L27/092, H01L29/78

最小限資料以外の資料で調査を行った分野に含まれるもの

日本国実用新案公報	1922－1996年
日本国公開実用新案公報	1971－2010年
日本国実用新案登録公報	1996－2010年
日本国登録実用新案公報	1994－2010年

国際調査で使用した電子データベース（データベースの名称、調査に使用した用語）

C.　関連すると認められる文献

引用文献のカテゴリー*	引用文献名　及び一部の箇所が関連するときは、その関連する箇所の表示	関連する請求項の番号
A	WO 2005/013374 A1（富士通株式会社）2005.02.10, 全文全図 & US 2006/0194450 A1	1-13
A	JP 2004-087695 A（富士通株式会社）2004.03.18, 全文全図 & US 2004/0038490 A1	1-13
A	JP 2005-333164 A（株式会社ルネサステクノロジ）2005.12.02, 全文全図（ファミリーなし）	1-13

☑ C欄の続きにも文献が列挙されている。　☐ パテントファミリーに関する別紙を参照。

* 引用文献のカテゴリー
「A」特に関連のある文献ではなく、一般的技術水準を示すもの
「E」国際出願日前の出願または特許であるが、国際出願日以後に公表されたもの
「L」優先権主張に疑義を提起する文献又は他の文献の発行日若しくは他の特別な理由を確立するために引用する文献（理由を付す）
「O」口頭による開示、使用、展示等に言及する文献
「P」国際出願日前で、かつ優先権の主張の基礎となる出願の日の後に公表された文献
「T」国際出願日又は優先日後に公表された文献であって出願と矛盾するものではなく、発明の原理又は理論の理解のために引用するもの
「X」特に関連のある文献であって、当該文献のみで発明の新規性又は進歩性がないと考えられるもの
「Y」特に関連のある文献であって、当該文献と他の1以上の文献との、当業者にとって自明である組合せによって進歩性がないと考えられるもの
「&」同一パテントファミリー文献

国際調査を完了した日 14.05.2010	国際調査報告の発送日 01.06.2010
国際調査機関の名称及びあて先 日本国特許庁（ISA／JP） 郵便番号100　8915 東京都千代田区霞が関三丁目4番3号	特許庁審査官（権限のある職員）　4M　3840 宮部　裕一 電話番号　03－3581－1101　内線　3462

様式PCT／ISA／210（第2ページ）（2009年7月）

C（続き）．　関連すると認められる文献

引用文献のカテゴリー＊	引用文献名　及び一部の箇所が関連するときは、その関連する箇所の表示	関連する請求項の番号
A	JP 2008-211182 A (アンテルユニヴェルシテール・ミクローエレクトロニカ・サントリュム・ヴェー・ゼッド・ドゥブルヴェ) 2008.09.11, 全文全図 & US 2008/0191286 A1 & EP 1944801 A1 & CN 101221922 A	1-13
A	JP 2008-305950 A (株式会社ルネサステクノロジ) 2008.12.18, 全文全図 (ファミリーなし)	1-13
A	JP 2000-174135 A (三菱電機株式会社) 2000.06.23, 全文全図 & US 6525380 B2	1-13

CLAIMS

What is claimed is:

1. A semiconductor device, comprising:

a substrate including a first active region and a second active region;

an NMIS transistor provided on the first active region; and

a PMIS transistor provided on the second active region, wherein

the NMIS transistor includes a first gate insulating film provided on the first active region and containing a high-k dielectric and a first gate electrode provided on the first gate insulating film and containing a metal material,

the PMIS transistor includes a second gate insulating film provided on the second active region and containing a high-k dielectric and a second gate electrode provided on the second gate insulating film and containing a metal material,

a side surface of the first gate insulating film is located at an inner side of a side surface of the first gate electrode, and

a ratio of a length of the first gate insulating film along a gate length direction to a length of the first gate electrode along the gate length direction is lower than a ratio of a length of the second gate insulating film along the gate length direction to a length of the second gate electrode along the gate length direction.

2. The semiconductor device of claim 1, wherein the NMIS transistor further includes an n-type first extension region formed in a part of the first active region located at each side of the first gate electrode,

the PMIS transistor further includes a p-type second extension region formed in a part of the second active region located at each side of the second gate electrode, and

an end of the first extension region coincides with an end of the first gate insulating

film or is at a position situated nearer a middle of the first gate electrode in relation to the end of the first gate insulating film.

3. The semiconductor device of claim 2, wherein the NMIS transistor further includes a first offset spacer of silicon nitride provided on a side surface of the first gate electrode and a side surface of the first gate insulating film, and

the PMIS transistor further includes a second offset spacer of silicon nitride provided on a side surface of the second gate electrode and a side surface of the second gate insulating film.

4. The semiconductor device of claim 3, wherein the first gate insulating film contains lanthanum, and

the second gate insulating film contains aluminium.

5. The semiconductor device of claim 4, wherein the first gate electrode includes a first lower gate electrode provided on the first gate insulating film and made of a metal or a metal compound and a first upper gate electrode provided on the first lower gate electrode and made of polysilicon, and

the second gate electrode includes a second lower gate electrode provided on the second gate insulating film and made of a metal or a metal compound and a second upper gate electrode provided on the second lower gate electrode and made of polysilicon.

6. The semiconductor device of claim 5, wherein an end of the second gate insulating film is doped with a larger amount of fixed charge than an end of the first gate insulating film.

7. The semiconductor device of claim 6, wherein a side surface of the second gate insulating film is flush with a side surface of the second gate electrode.

8. The semiconductor device of claim 6, wherein a side surface of the second gate insulating film is located at an inner side of a side surface of the second gate electrode.

9. The semiconductor device of claim 6, wherein an end of the second gate insulating film projects from a side surface of the second gate electrode.

10. A method for fabricating a semiconductor device, the method comprising the steps of:

(a) forming a first gate insulating film including a high-k dielectric and a first gate electrode including a metal material on a first active region in a substrate and forming a second gate insulating film including a high-k dielectric and a second gate electrode including a metal material on a second active region in the substrate;

(b) introducing negative fixed charge into an end of the first gate insulating film and an end of the second gate insulating film; and

(c) removing the end of the first gate insulating film after step (b), wherein

a ratio of a length of the first gate insulating film along a gate length direction to a length of the first gate electrode along the gate length direction is lower than a ratio of a length of the second gate insulating film along the gate length direction to a length of the second gate electrode along the gate length direction.

11. The method of claim 10, wherein in step (b), ashing or dry etching is performed using a gas containing oxygen.

12. The method of claim 10, wherein after step (c), a first offset spacer of a silicon nitride film is formed on a side surface of the first gate electrode, and

a second offset spacer of a silicon nitride film is formed on a side surface of the second gate electrode.

13. The method of claim 10, wherein the first gate insulating film and the second gate insulating film have different compositions, and

in step (c), the end of the gate insulating film is selectively removed through etching utilizing a difference in etching rate between the first gate insulating film and the second gate insulating film.

Attorney Docket No. GCOM-013/00US 312615-2041 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	Matthew Blieske	Confirmation No.:	Unassigned
Serial No.:	Unassigned	Group Art Unit:	Unassigned
Filed:	Herewith	Examiner:	Unassigned

FOR: **SYSTEMS AND METHODS FOR OPTIMIZING THERMAL EFFICIENCEY OF A COMPRESSED AIR ENERGY STORAGE SYSTEM**

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT OF SPECIAL STATUS

Submitted herewith is a Petition to Make Special Under the Green Technology Pilot Program for the above-identified patent application. Applicants submit that the claimed invention will materially contribute to the development of renewable energy sources and/or the more efficient utilization and conservation of energy resources. The invention relates generally to systems, devices and methods for the compression and/or expansion of a gas, such as air, for use in, for example, storing energy using a system and methods for optimizing the energy efficiency and power density of a compressed air energy storage (CAES) system. Such systems and methods provide an efficient solution to a persistent problem with intermittent energy-generation systems (e.g., wind and solar renewable energy) by providing systems and methods for storing and recovering energy from those sources, thereby making them deployable on a widespread and practical basis.

The claimed invention also improves the efficiency of said energy storage and recovery systems by optimizing the thermal efficiency of a CAES system. In addition, the invention assists in reducing green house gas emissions due to increased overall fuel consumption that is attendant to the inability of traditional power plants to adjust to fluctuating power demand. Furthermore, the claimed invention helps eliminate the need for rapidly-deployable gas turbines or generators that

require the use of non-renewable energy resources (e.g., natural gas and diesel fuel) and are environmentally damaging due to their inherent noise and emissions.

Accordingly, Applicant requests that this Petition to Make Special be granted and the application undergo accelerated examination.

Under 37 CFR § 1.102(c), no fee is required. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed, or which should have been filed herewith to our Deposit Account No. 50-1283.

Dated: November 11, 2011

Respectfully submitted,
COOLEY LLP

By: Scott B. Weston

Scott B. Weston
Reg. No. 55,854

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ATTN: Patent Group
777 6th Street NW, Suite 1100
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86262 v1/BN

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
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PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: GCOM-013/00US	Application Number (if known):	Filing date: Herewith
First Named Inventor: Matthew Blieske		
Title: SYSTEMS AND METHODS FOR OPTIMIZING THERMAL EFFICIENCY OF A COMPRESSED AIR ENERGY STORAGE SYSTEM		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Preliminary Amendment

Signature /Scott B. Weston/	Date November 11, 2011
Name (Print/Typed) Scott B. Weston	Registration Number 55,854

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature see below*.*

☒ *Total of 1 forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Instruction Sheet for Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111 (a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/294,862	11/11/2011	Matthew Blieske	GCOM-013/00US 312615-2041	4539

58249 7590 12/15/2011

COOLEY LLP
ATTN: Patent Group
Suite 1100
777 - 6th Street, NW
WASHINGTON, DC 20001

EXAMINER	
ART UNIT	PAPER NUMBER
3745	

MAIL DATE	DELIVERY MODE
12/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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COOLEY LLP
ATTN: Patent Group
Suite 1100
777 - 6th Street, NW
WASHINGTON DC 20001

In re Application of	:	
MATTHEW BLIESKE	:	DECISION ON PETITION
Application No. 13/294862	:	TO MAKE SPECIAL UNDER
Filed: November 11, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No.	:	PILOT PROGRAM
GCOM-013/00US 312615-2041		

This is a decision on the petition under 37 CFR 1.102, filed November 11, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Henry Yuen at 571-272-4856.

The application is being forwarded to the Technology Center Art Unit 3745 for action on the merits commensurate with this decision.

/Henry Yuen/

Henry Yuen
Quality Assurance Specialist
Technology Center 3700

Attorney Docket No. GCOM-013/01US 312615-000 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:	Matthew Blieske	Confirmation No.:	Unassigned
Serial No.:	Unassigned	Group Art Unit:	Unassigned
Filed:	Herewith	Examiner:	Unassigned

FOR: **SYSTEMS AND METHODS FOR OPTIMIZING THERMAL EFFICIENCEY OF A COMPRESSED AIR ENERGY STORAGE SYSTEM**

Mail Stop Petition
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT OF SPECIAL STATUS

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Accordingly, Applicant requests that this Petition to Make Special be granted and the application undergo accelerated examination.

Under 37 CFR § 1.102(c), no fee is required. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed, or which should have been filed herewith to our Deposit Account No. 50-1283.

Dated: November 11, 2011

Respectfully submitted,
COOLEY LLP

By: Scott B. Weston
Scott B. Weston
Reg. No. 55,854

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ATTN: Patent Group
777 6th Street NW, Suite 1100
Washington, DC 20001

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86263 v1/BN

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (11-10)
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PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: GCOM-013/01US	Application Number (if known):	Filing date: Herewith
First Named Inventor: Matthew Blieske		
Title: SYSTEMS AND METHODS FOR OPTIMIZING THERMAL EFFICIENCY OF A COMPRESSED AIR ENERGY STORAGE SYSTEM		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

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5. The application does not contain any multiple dependent claims.

6. Other attachments: Preliminary Amendment

Signature /Scott B. Weston/	Date November 11, 2011
Name (Print/Typed) Scott B. Weston	Registration Number 55,854

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature see below*.*

[X] *Total of 1 forms are submitted.

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2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
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6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/294,901	11/11/2011	Matthew Blieske	GCOM-013/01US 312615-000	8010

58249 7590 12/15/2011

COOLEY LLP
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Suite 1100
777 - 6th Street, NW
WASHINGTON, DC 20001

EXAMINER	
ART UNIT	PAPER NUMBER
3745	

MAIL DATE	DELIVERY MODE
12/15/2011	PAPER

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In re Application of	:	
MATTHEW BLIESKE	:	DECISION ON PETITION
Application No. 13/294901	:	TO MAKE SPECIAL UNDER
Filed: November 11, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No.	:	PILOT PROGRAM
GCOM-013/01US 312615-000		

This is a decision on the petition under 37 CFR 1.102, filed November 11, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Henry Yuen at 571-272-4856.

The application is being forwarded to the Technology Center Art Unit 3745 for action on the merits commensurate with this decision.

/Henry Yuen/

Henry Yuen
Quality Assurance Specialist
Technology Center 3700

PATENT
Attorney Docket No.: 913RO-001010US
Client Ref. No.: S7.US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Ann Marie SASTRY et al. Application No.: Unassigned Filed: Unassigned For: ELECTRIC VEHICLE PROPULSION SYSTEM AND METHOD UTILIZING SOLID-STATE RECHARGEABLE ELECTROCHEMICAL CELLS Customer No.: 83275	Confirmation No. Unassigned Examiner: Unassigned Technology Center/Art Unit: Unassigned STATEMENTS OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT FOR PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby request participation in the Green Technology Pilot Program for the above-identified application, pursuant to 37 C.F.R. 1.102.

The application is a non-reissue, non-provisional utility application filed under 35 USC 111(a). As submitted herewith, the application contains no more than three independent claims, twenty or fewer total claims, and no multiple dependent claims.

The pending claims are directed to a single invention that materially contributes to the discovery or development of renewable energy resources. The claimed invention relates to a method and system for an all solid-state rechargeable battery and a vehicle propulsion system powered by the battery. The pending claims are directed to a vehicle propulsion system that includes a plurality of solid state rechargeable battery cells configured to power a drivetrain.

By filing this petition, Applicants hereby agree to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Programs if the Office determines that the claims are not obviously directed to

a single invention. In addition, by filing this petition, Applicants hereby request early publication under 37 CFR 1.219. The publication fee set forth in 37 CFR 1.18(d) has been submitted with this request.

CONCLUSION

The Commissioner is authorized to charge any deficiency in any fees required under 37 C.F.R. 1.16 and/or 1.17, including extension of time fees, and credit any overpayment to Deposit Account No. 50-4713.

If a telephone conference would expedite prosecution of this application, please telephone the undersigned at 425-348-3500.

Respectfully submitted,

/Steve Y. Cho/

Steve Y. Cho
Reg. No. 44,612

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043
Tel: 425-348-3500
Fax: 425-968-9795

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 913RO-001010US	Application Number (if known): Unassigned	Filing date: Unassigned

First Named Inventor: Ann Marie SASTRY

Title: ELECTRIC VEHICLE PROPULSION SYSTEM AND METHOD UTILIZING SOLID-STATE RECHARGEABLE ELECTROCHEMICAL CELLS

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statements

Signature /Steve Y. Cho/	Date November 10, 2011
Name (Print/Typed) Steve Y. Cho	Registration Number 44,612

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below^.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/294,980	11/11/2011	Ann Marie SASTRY	913RO-001010US	9448

83275 7590 12/15/2011

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace, WA 98043

EXAMINER	
ART UNIT	PAPER NUMBER
1726	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@ampacc.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

AMPACC Law Group, PLLC
6100 219th Street SW, Suite 580
Mountlake Terrace WA 98043

12/15/2011

In re Application of :
Sastry et al. : DECISION ON PETITION
Application No. 13/294,980 : TO MAKE SPECIAL UNDER
Filed: 11/11/2011 : THE GREEN TECHNOLOGY
Attorney Docket No. **913RO-001010US** : PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/13/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1726 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	54963-div	Application Number (if know):	13/294,984	Filing Date	11/11/11
First Named Inventor:	Ghulam Hasnain				
Title:	Light Sources with Serially Connected LED Segments Including Current Blocking Diodes				

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic FILING SYSTEM, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR1.18(d) accompanies this request.

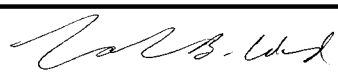
2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by states of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature		Date	12/08/2011
Name (Print/Typed)	Calvin B. Ward	Registration Number	30,896

Note: *Signatures of all the inventors or assignees of record of the entire enterest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and selection option 2.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/294,984	11/11/2011	Ghulam Hasnain	54963-div	3585

28241 7590 12/21/2011

THE LAW OFFICES OF CALVIN B. WARD
18 CROW CANYON COURT, SUITE 305
SAN RAMON, CA 94583

EXAMINER	
ART UNIT	PAPER NUMBER
2893	

MAIL DATE	DELIVERY MODE
12/21/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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Commissioner for Patents
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Alexandria, VA 22313-1450
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THE LAW OFFICES OF CALVIN B. WARD
18 CROW CANYON COURT, SUITE 305
SAN RAMON CA 94583

In re Application of	:	
HASNAIN et al.	:	DECISION ON PETITION
Application No. 13/294,984	:	TO MAKE SPECIAL UNDER
Filed: November 11, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 54963-div	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on December 8, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (08-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: KLYON005	Application Number (if known):	Filing date: 2011-11-11

First Named Inventor: Kent David Lyon

Title: HVAC AIR FILTER CHECK REMINDER REFRIGERATOR MAGNET

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date 2011-11-11
Name (Print/Typed) Kent David Lyon	Registration Number

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Attorney Docket No.: KLYON005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Kent David Lyon

Serial No.:

Filing Date:

Examiner: Unknown

Group Art Unit: Unknown

Title: HVAC AIR FILTER CHECK REMINDER REFRIGERATOR MAGNET

STATEMENT ON THE BASIS FOR SPECIAL STATUS

The invention of the attached patent application materially contributes to the more efficient utilization and conservation of energy resources.

Respectfully submitted,

By: Kent David Lyon

Kent David Lyon
Reg. No.
Dated: November 11, 2011
15422 Juniper Cove court
Cypress, Texas 77433
(713) 726-4355

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/295,023	11/11/2011	Kent David Lyon	KLYON005	1010

7590 01/04/2012

Kent David Lyon
15422 Juniper Cove Court
Cypress, TX 77433

EXAMINER	
ART UNIT	PAPER NUMBER
2612	

MAIL DATE	DELIVERY MODE
01/04/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Kent David Lyon
15422 Juniper Cove Court
Cypress TX 77433

In re Application of	:	
LYON et al.	:	DECISION ON PETITION
Application No. 13/295,023	:	TO MAKE SPECIAL UNDER
Filed: November 11, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. KLYON005	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 11, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **DISMISSED**.

If reconsideration of this decision is desired, a petition for reconsideration must be filed within ONE (1) MONTH OR THIRTY (30) DAYS from the mail date of this decision, whichever is longer. No extension of this time limit can be granted under 37 CFR 1.136(a) or (b). The petition for reconsideration should include an exhaustive attempt to provide the lacking item(s) noted below, since, after a decision on the petition for reconsideration, no further reconsideration or review of the matter will be undertaken by the Director.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications and be filed prior to the date of the notice, December 8, 2009.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to

make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The petition lacks item 4.

In regard to item 4, it is not readily apparent how the claimed filter check refrigerator magnet contributes to more efficient utilization and conservation of energy resources and no supporting documentation has been provided with the instant petition. The materiality standard of more efficient utilization and conservation of energy resources is only satisfied if the claimed invention provides more efficient utilization and conservation of energy resources. The claimed filter check refrigerator magnet appears to merely provide information to a user. Merely providing information to a user does not equate to more efficient utilization and conservation of energy resources. The materiality standard does not permit an applicant to speculate as to how a hypothetical end-user might specially apply the invention in a manner that could contribute to more efficient utilization and conservation of energy resources. Any argument that the claimed invention could be used to save energy in an HVAC system would be considered speculate as to how a hypothetical end-user might specially apply the claimed invention.

Any reconsideration of this decision should be submitted through the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen.

Telephone inquiries concerning this decision should be directed to Lee W. Young at 571-272-4549.

The application is being forwarded to the Technology Center Art Unit 2612 for action in its regular turn.

Lee W. Young
Subject Matter Expert
Technology Center 2600

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	Application Number (if known):	Filing date:

First Named Inventor: Brian Eric Lee

Title: Space- and Structurally-Efficient Recta-Cylinder Molded Liquid Storage Tanks

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. **See Instruction Sheet on page 2.**

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date 10/24/2011
Name (Print/Typed) Brian Eric Lee	Registration Number

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below.*

■ *Total of 2 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

STATEMENT OF SPECIAL STATUS

From the Abstract of the Application:

> This invention is an improvement to the shape of liquid storage tanks, in particular to unpressurized molded polymer tanks used for thermal storage in solar systems. Although solar storage tanks represent the first commercial application, this invention is well suited to ambient-temperature water and chemical storage tanks as well.
>
> By using a tank with a square footprint instead of a cylindrical tank, storage capacity can be increased by more than 20%, while consuming the same floorspace. For large indoor applications, doorway access amplifies the advantages of a rectangular tank versus cylinders.
>
> This invention combines the higher volume of square and rectangular footprint tanks with the structural efficiency of cylinder tanks. The tank walls are formed by alternating vertically-stacked cylinders and rectangular prisms. The cylinders take advantage of hoop strength and also provide a place for external reinforcing bands. Edges and corners may be sharp, chamfered or filleted.

This application is for an improved shape of liquid storage tanks. Although tanks using this invention have advantages over current product offerings in several categories of liquid storage tanks, this invention is best suited for *solar thermal systems,* as described in the Specification and Abstract. Such solar thermal systems are most commonly used for domestic water heating in residential and commercial applications, and also for space heating and processing heating. This final category can include any commercial and industrial application that requires "low temperature" or "medium temperature"[1] hot water, from laundries to water desalination.

This invention qualifies for all three categories described in item (3) of the Instruction Sheet for Petition to Make Special Under the Green Technology Pilot Program:

(1) Any system that uses solar energy for a substantial portion of its input energy meets the definition of renewable energy.
(2) In typical solar thermal applications, the solar input directly offsets the consumption of fossil fuels or grid electricity, thereby contributing to increased energy efficiency.
(3) Greenhouse gas emissions are reduced through the more efficient utilization of fossil fuels and/or grid electricity.

STATEMENT OF INTENT TO MAKE ELECTION WITHOUT TRAVERSE

In the event that the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), the applicants agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements cited in notice "Pilot Program for Green Technologies Including Greenhouse Gas Reduction."

Signed,

Brian Eric Lee, Lead Inventor

---

[1] As defined by U.S. Energy Information Administration form EIA-63A.
see http://205.254.135.24/cneaf/solar.renewables/page/forms/instr63a.pdf.

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	Application Number (if known):	Filing date:

First Named Inventor: Brian Eric Lee

Title: Space- and Structurally-Efficient Recta-Cylinder Molded Liquid Storage Tanks

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date 10/24/2011
Name (Print/Typed) Richard Curtis Bourne	Registration Number

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below.*

■ *Total of 2 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/295,080	11/13/2011	Brian Eric Lee		7848

7590 12/13/2011

Brian Eric Lee
25205 Baronet Road
Corral de Tierra, CA 93908

EXAMINER	
ART UNIT	PAPER NUMBER
3751	

MAIL DATE	DELIVERY MODE
12/13/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

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Brian Eric Lee
25205 Baronet Road
Corral de Tierra CA 93908

In re Application of		
LEE, BRIAN ERIC et al	:	DECISION ON PETITION
Application No. 13/295,080	:	TO MAKE SPECIAL UNDER
Filed: Nov. 13, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. n/a	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed Nov. 13, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **dismissed**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

If reconsideration of this decision is desired, a petition for reconsideration must be filed within ONE (1) MONTH OR THIRTY (30) DAYS from the mail date of this decision, whichever is longer. No extension of this time limit can be granted under 37 CFR 1.136(a) or (b). The petition for reconsideration should include an exhaustive attempt to provide the lacking item(s) noted below, since, after a decision on the petition for reconsideration, no further reconsideration or review of the matter will be undertaken by the Director.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed

invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived. The petition lacks item # 4.

In regard to item 4, petitioner should note that the instant petition includes a statement identifying the basis for the special status (i.e., whether the instant invention (1) materially enhances the quality of the environment or materially contributes to (2) development of renewable energy resources or energy conservation, or (3) greenhouse gas reduction) as required by sections II and III of the notice. However, as stated in the notice, applicant must also provide a statement pertaining to the materiality standard if the application disclosure is not clear on its face as to the materiality of the basis for the special status of the invention. This petition lacks such a statement and it is not agreed that the application on its face meets that materiality standard. Petitioner states that the claimed invention relates to green technology. This is not convincing. For example, it is not clear how the claimed "molded liquid storage tank whose vertical walls are formed by alternating, vertically-stacked and aligned cylinders and rectangular prisms with square footprints, with connecting horizontal planes enclosing the spaces between" will provide and enhance the quality of the environment or contribute to development of renewable energy resources or energy conservation or greenhouse gas reduction.

Any reconsideration of this decision should be submitted through the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Telephone inquiries concerning this decision should be directed to Henry C. Yuen at 571-272-4856. The application will be forwarded to the Technology Center Art Unit 3751 for action in its regular turn.

/Henry C. Yuen/

Henry C. Yuen
Quality Assurance Specialist
Technology Center 3700

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13295929	Confirmation Number	4744	Filing Date	2011-11-14
Attorney Docket Number (optional)	31023.02	Art Unit		Examiner	
First Named Inventor	LEWIS W. FLEISCHMANN				
Title of Invention	SOLAR COLLECTOR-REFLECTOR SYSTEM				

Attention: Office of Petitions
An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
LEWIS	W.	FLEISCHMANN	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

◉ (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/ROBERT B. LYONS/	Date (YYYY-MM-DD)	2011-11-14
Name	ROBERT B. LYONS	Registration Number	40708

PTO/SB/130 (07-09)
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

UNITED STATES PATENT AND TRADEMARK OFFICE

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In re Application of
LEWIS W. FLEISCHMANN

Application No. 13295929

Filed:

Attorney Docket No. 31023.02

:
:
:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)
:

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 14-NOV-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: GLOBAL 07.05 CON	Application Number (if known):	Filing date: November 14, 2011

First Named Inventor: LACKNER

Title: REMOVAL OF CARBON DIOXIDE FROM AIR

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date November 14, 2011
Name (Print/Typed) Norman P. Soloway	Registration Number 24,315

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. Of: LACKNER et al.

Filed: November 14, 2011

For: REMOVAL OF CARBON DIOXIDE FROM AIR

DOCKET: GLOBAL 07.05 CON

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT

Dear Sir:

This Statement of Special Status for the Eligibility Requirement is filed pursuant to the requirements listed in PT/SB/420, filed herewith.

A basis for the special status is that aspects of the invention materially contribute to greenhouse gas emission reduction. The applicants submit that it is clear that the claimed invention materially contributes to greenhouse gas emission reduction and no statement is required explaining how the materiality standard is met.

The application is a non-reissue, non-provisional utility application filed under 35 USC 111(a). The application does not contain more than three (3) independent claims and twenty (20) total claims, and does not contain multiple dependent claims. A first Official Action has not been issued and has not been present on the PAIR system.

The subject application has not yet published and Applicants are paying the early publication fee via efs-web.

HAYES SOLOWAY P.C.
4640 E. SKYLINE DRIVE
TUCSON, AZ 85718
TEL. 520.882.7623
FAX. 520.882.7643

175 CANAL STREET
MANCHESTER, NH 03101
TEL. 603.668.1400
FAX. 603.668.8567

In the event there are any fee deficiencies or additional fees are payable, please charge them (or credit any overpayment) to our Deposit Account Number 08-1391.

Respectfully submitted,

Norman P. Soloway
Attorney for Applicants
Reg. No. 24,315

CERTIFICATE OF ELECTRONIC FILING

I hereby certify that this correspondence is being transmitted with the United States Patent and Trademark Office (USPTO) electronic filing system (EFS-WEB) to the USPTO on November 14, 2007 at Tucson, Arizona.

HAYES SOLOWAY P.C.
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UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/295,950	11/14/2011	Klaus S. Lackner	GLOBAL 07.05 CON	6115

27667 7590 12/15/2011

HAYES SOLOWAY P.C.
4640 E. Skyline Drive
TUCSON, AZ 85718

EXAMINER	
CHIESA, RICHARD L	
ART UNIT	**PAPER NUMBER**
1776	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

admin@hayes-soloway.com
nsoloway@hayes-soloway.com

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12/15/2011

HAYES SOLOWAY P.C.
4640 E. Skyline Drive
TUCSON AZ 85718

In re Application of	:	
Lackner et al.	:	DECISION ON PETITION
Application No. 13/295,950	:	TO MAKE SPECIAL UNDER
Filed: 11/14/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **GLOBAL 07.05 CON**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/14/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1776 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: DP-319862	Application Number (if known): 13/296,580	Filing date: November 15, 2011

First Named Inventor: Karl J. Haltiner, Jr. et al.

Title: Fuel Cell With Internal Flow Control

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement Accompanying Petition to Make Special Under Green-Technology Pilot Program

Signature /Patrick M. Griffin/	Date 15 DEC 2011
Name (Print/Typed) Patrick M. Griffin	Registration Number 29716

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 2 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/296,580	11/15/2011	KARL JACOB HALTINER JR.	DP-319862	6172

22851 7590 12/23/2011

Delphi Technologies, Inc.
M/C 480-410-202
P.O. Box 5052
Troy, MI 48007

EXAMINER	
ART UNIT	PAPER NUMBER
1726	

MAIL DATE	DELIVERY MODE
12/23/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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Delphi Technologies, Inc.
M/C 480-410-202
P.O. Box 5052
Troy MI 48007

12/23/2011

In re Application of :
Karl J. Haltiner Jr. et al. :
Application No. 13/296,580 :
Filed: November 15, 2011 :
Attorney Docket No. DP-319862 :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed December 15, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010), 75 Federal Register Notice 69049 (November 10, 2010) and 76 Federal Register Notice 77979 (December 15, 2011).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met: 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Blaine Copenheaver at 571-272-1156.

The application is being forwarded to the examiner for action on the merits commensurate with this decision.

/Blaine Copenheaver/

Blaine Copenheaver
Quality Assurance Specialist
Technology Center 1700

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/296,739	11/15/2011	Curtis G. Watson	DPJ-104-A-1	9948

79389 7590 12/06/2011

THE WEINTRAUB GROUP, P.L.C.
28580 Orchard Lake Road
Suite 140
Farmington Hills, MI 48334

EXAMINER	
ART UNIT	PAPER NUMBER
3618	

MAIL DATE	DELIVERY MODE
12/06/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Doc Code: TRACK1.GRANT

DEC 0 6 2011

Decision Granting Request for Prioritized Examination (Track I)	Application No.: 13/296,739

1. THE REQUEST FILED 11/15/11 IS **GRANTED**.

The above-identified application has met the requirements for prioritized examination (Track I).

2. **The above-identified application will undergo prioritized examination.** The application will be accorded special status throughout its entire course of prosecution until one of the following occurs:

   A. filing a **petition for extension of time** to extend the time period for filing a reply;

   B. filing an **amendment to amend the application to contain more than four independent claims, more than thirty total claims**, or a multiple dependent claim;

   C. filing a **request for continued examination**;

   D. filing a notice of appeal;

   E. filing a request for suspension of action;

   F. mailing of a notice of allowance;

   G. mailing of a final Office action;

   H. completion of examination as defined in 37 CFR 41.102; or

   I. abandonment of the application.

Telephone inquiries with regard to this decision should be directed to STEVEN MEYERS at (571) 272-6611. In his/her absence, calls may be directed to ROBERT WEINHARDT (571) 272-6633.

[Signature]

TC QUALITY ASSURANCE SPECIALIST
(Title)

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (12-09)
Approved for use through 05/31/2010. OMB 0651-0062
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: IBI-P0008.1	Application Number (if known):	Filing date: November 15, 2011

First Named Inventor: MUTHU, Milburn Ebenezer Jacob

Title: RECHARGEABLE BATTERY USING AN AQUEOUS BINDER

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request. Applicant hereby rescinds under 37 CFR 1.213(b) any previous filed request that the above-identified application not be published under 35 U.S.C. 122(b).

   If the application has been published, the petition must still be accompanied by the publication fee set forth in 37 CFR 1.18(d) and a statement that the application has been published.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirement and classification requirement set forth in the notice entitled "Pilot Program for Green Technologies Including Greenhouse Gas Reduction" that was published in the Federal Register if the Office determines that the claims are not obviously directed to a single invention.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: N/A

Signature /Damon A. Neagle	Date November 15, 2011
Name (Print/Typed) Damon A. Neagle	Registration Number 44,964

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of one forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/296,742	11/15/2011	Milburn Ebenezer Jacob Muthu	IBI-P0008.1	3967

35775 7590 12/15/2011

DESIGN IP, P.C.
5100 W. TILGHMAN STREET
SUITE 205
ALLENTOWN, PA 18104

EXAMINER	
ALEJANDRO, RAYMOND	

ART UNIT	PAPER NUMBER
1727	

MAIL DATE	DELIVERY MODE
12/15/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

DESIGN IP, P.C.
5100 W. TILGHMAN STREET
SUITE 205
ALLENTOWN PA 18104

12/15/2011

In re Application of :
Muthu et al. :
Application No. 13/296,742 :
Filed: 11/15/2011 :
Attorney Docket No. **IBI-P0008.1** :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/15/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1727 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 230185-4	Application Number (if known): 13/296,779	Filing date: 11-15-2011

First Named Inventor: Ronny STAM

Title: BLADE MODULE, A MODULAR ROTOR BLADE AND A METHOD FOR ASSEMBLING A MODULAR ROTOR BLADE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement Concerning the Basis for the Special Status

Signature /Allison W. Mages/	Date 02/09/2012
Name (Print/Typed) Allison W. Mages	Registration Number 57,275

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below.*

☐ *Total of _____ forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named Inventor: Ronny STAM	)
Confirmation No.: 6004	)
	)
Serial No.: 13/296,779	)
	)
Filing Date: 11-15-2011	)
	)
Atty Docket No.: 230185-4 (US)	)

VIA EFS
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Statement Concerning the Basis for the Special Status

SIR:

A blade module of a modular rotor blade is provided in the present application. According to a first embodiment, the blade module includes a fiber composite body defining a hollow blade profile extending along a longitudinal blade axis and at least one inlay located at or near a longitudinal end of the fiber composite body. The inlay includes a receptacle which is adapted to receive a threaded fastener and an anchoring portion which is anchored to the fiber composite body to transmit tensile forces from the receptacle to the fiber composite body. (See [0003])

Further a modular wind turbine rotor blade which includes at least a first blade module and at least a second blade module is provided. The first blade module includes a first fiber composite body having a first edge and at least a first inlay extending to the first edge. The first inlay includes a first receptacle and an anchoring portion anchored to the first fiber composite body. The second

blade module includes a second fiber composite body having a second edge and at least a second inlay extending to the second edge. The second inlay includes a second receptacle and an anchoring portion anchored to the second fiber composite body. According to another embodiment, the modular wind turbine rotor blade further includes a detachable butt joint between the first blade module and the second blade module and a screw joint between the first inlay and the second inlay. The screw joint includes a threaded fastener fastened to the first receptacle and the second receptacle. (See [0004])

Furthermore, a method for assembling a modular wind turbine rotor blade is provided. The method includes providing a first blade module and providing a second blade module. The first blade module includes a first fiber composite body having a first edge and at least one first inlay which extends to or near to the first edge and includes a first receptacle adapted to receive a threaded fastener. The first inlay further includes an anchoring portion anchored to the first fiber composite body. The second blade module includes a second fiber composite body having a second edge and at least one second inlay which extends to near to the second edge and includes a second receptacle adapted to receive a threaded fastener. Further, the second inlay includes an anchoring portion anchored to the second fiber composite body. According to still another embodiment, the method for assembling a modular rotor blade further includes aligning the first blade module and the second blade module such that the first receptacle and the second receptacle are co-axially arranged, and forming a detachable mechanical connection between the first inlay and the second inlay

using a threaded fastener that extends into the first receptacle and into the second receptacle. (See [0005])

Therefore, Applicant respectfully submits that Special Status is sought on the basis that the present invention materially contributes to the discovery or development of renewable energy resources or materially contributes to the more efficient utilization and conservation of energy resources.

The undersigned representative may be contacted at the number below to facilitate the resolution of any matters. Please charge any fees that are incurred in connection with this Statement to deposit account no. 09-0470.

Respectfully submitted,

General Electric Company

By : /Allison W. Mages/
Allison W. Mages
Reg. No. 57,275

Dated: February 9, 2012

GE Global Patent Operation
2 Corporate Drive, Suite 648
Shelton, CT 06484
203-944-6730

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/296,779	11/15/2011	Ronny STAM	230185-4	6004

52082 7590 02/23/2012

General Electric Company
GE Global Patent Operation
2 Corporate Drive, Suite 648
Shelton, CT 06484

EXAMINER	
ART UNIT	PAPER NUMBER
2829	

NOTIFICATION DATE	DELIVERY MODE
02/23/2012	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

gpo.mail@ge.com
allyson.carnaroli@ge.com

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

General Electric Company
GE Global Patent Operation
2 Corporate Drive, Suite 648
Shelton CT 06484

FEB 2 2 2012

In re Application of :
Stam et al. : DECISION ON PETITION
Application No. 13/296,779 : TO MAKE SPECIAL UNDER
Filed: 11/15/2011 : THE GREEN TECHNOLOGY
Attorney Docket No. **230185-4** : PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 2/9/2012, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a

request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 2829 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

MCDERMOTT WILL & EMERY LLP
600 13TH STREET N.W.
WASHINGTON DC 20005-3096

MAILED
FEB 01 2012
OFFICE OF PETITIONS

In re Application of
Nishio et al.
Application No.: 13/296,879
Filed: November 15, 2011
Attorney Docket No. 069804-0333
For: METHOD FOR DETECTING AN ANTIGEN

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed November 21, 2011, to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PPH pilot program and petition to make special require:

1. The U.S. application is
   a. a Paris Convention application which either
      i. validly claims priority under 35 U.S.C. 119(a) and 37 CFR 1.55 to one or more applications filed in the JPO, or
      ii. validly claims priority to a PCT application that contains no priority claims, or
   b. a national stage application under the PCT (an application which entered the national stage in the U.S. from a PCT international application after compliance with 35 U.S.C. 371), which PCT application
      i. validly claims priority to an application filed in the JPO, or
      ii. validly claims priority to a PCT application that contains no priority claims, or
      iii. contains no priority claim, or
   c. a so-called bypass application filed under 35 U.S.C. 111(a) which validly claims benefit under 35 U.S.C. 120 to a PCT application, which PCT application
      i. validly claims priority to an application filed in the JPO, or
      ii. validly claims priority to a PCT application that contains no priority claims, or
      iii. contains no priority claim;

2. Applicant must submit a copy of:

a. The allowable/patentable claim(s) from the JPO application(s);
b. An English translation of the allowable/patentable claim(s) and
c. A statement that the English translation is accurate;

3. Applicant must:
   a. Ensure all the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the JPO application(s) and
   b. Submit a claims correspondence table in English;

4. Examination of the U.S. application has not begun;

5. Applicant must submit:
   a. Documentation of prior office action:
      i. a copy of the office action(s) just prior to the "Decision to Grant a Patent" from each of the JPO application(s) containing the allowable/patentable claim(s) or
      ii. if the allowable/patentable claims(s) are from a "Notification of Reasons for Refusal" then the Notification of Reasons for Refusal or
      iii. if the JPO application is a first action allowance then no office action from the JPO is necessary should be indicated on the request/petition form;
   b. An English language translation of the JPO Office action from (5)(a)(i)-(ii) above
   c. A statement that the English translation is accurate;

6. Applicant must submit:
   a. An IDS listing the documents cited by the JPO examiner in the JPO office action (unless already submitted in this application)
   b. Copies of the documents except U.S. patents or U.S. patent application publications (unless already submitted in this application);

The request to participate in the PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Inquiries concerning this decision should be directed to Petitions Examiner Liana Walsh at (571) 272-3206.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application will be forwarded to the examiner for action on the merits commensurate with this decision once this application's formality reviews have been completed.

/dab/
David Bucci
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: CL4213USCNT	Application Number (if known): To be assigned	Filing date: Herewith

First Named Inventor: Larry Cameron ANTHONY

Title: Increased Heterologous Fe-S Enzyme Activity in Yeast

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature Christine M Lhulier	Date 11/15/2011
Name (Print/Typed) Christine M. Lhulier	Registration Number 54,269

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☒ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	Confirmation No.: *To be assigned*
ANTHONY *et al.*	Art Unit: *To be assigned*
Appl. No.: *To be assigned (continuation of Appl. No. 12/569,069; filed September 29, 2009)*	Examiner: *To be assigned*
Filed: *Herewith*	Atty. Docket: CL4213USCNT
For: **Increased Heterologous Fe-S Enzyme Activity in Yeast**	

Petition to Make Special,
Statement of Special Status and Request to Participate in the Green Technology Pilot Program

Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith is the completed USPTO form PTO/SB/420 and a Petition to Make Special pursuant to the Federal Register Notice of December 8, 2009, vol. 74, No. 234, pages 64666-64668, to participate in the Green Technology Pilot Program as described in said Notice.

The above-referenced application has not yet published. In accordance with the requirements for the Pilot Program, Applicants request early publication under 37 C.F.R. § 1.219 and the publication fee set forth in 37 C.F.R. § 1.18(d) accompanies this request.

Applicants submit that the application is directed to a single invention that relates to the development of renewable components for fuel blends, and as such, the claimed invention materially contributes to the discovery or development of renewable

energy resources, enhances the quality of the environment and results in a more efficient utilization and conservation of energy resource.

If participation in the Green Technology Pilot Program is granted, and the Office determines that the claims are directed to multiple inventions, Applicants hereby agree to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements of the Green Technology Pilot Program.

Filed concurrently with this petition is a Preliminary Amendment in compliance with 37 C.F.R. § 1.121. Upon entry of the amendment, the application will contain no more than three independent claims and twenty total claims and will not contain any multiple dependent claims.

Respectfully submitted,

Christine M. Lhulier

CHRISTINE M. LHULIER
ATTORNEY/AGENT FOR
APPLICANTS
Registration No. 54,269
Telephone: (302) 695-2739
Facsimile: (302) 355-3982

Date: 11/15/2011

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/296,944	11/15/2011	Larry Cameron Anthony	CL4213USCNT	3491

23906 7590 12/16/2011

E I DU PONT DE NEMOURS AND COMPANY
LEGAL PATENT RECORDS CENTER
BARLEY MILL PLAZA 25/1125
4417 LANCASTER PIKE
WILMINGTON, DE 19805

EXAMINER	
ART UNIT	PAPER NUMBER
1652	

NOTIFICATION DATE	DELIVERY MODE
12/16/2011	ELECTRONIC

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The time period for reply, if any, is set in the attached communication.

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DEC 16 2011

E I DU PONT DE NEMOURS AND COMPANY
LEGAL PATENT RECORDS CENTER
BARLEY MILL PLAZA 25/1125
4417 LANCASTER PIKE
WILMINGTON DE 19805

In re Application of

ANTHONY, Larry *et al.*	:	DECISION ON PETITION
Application No. 13/296944	:	TO MAKE SPECIAL UNDER
Filed: November 15, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. CL4213USCNT	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed November 15, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Manjunath Rao at 571-272-0939.

The application is being forwarded to the Technology Center Art Unit 1652 for action on the merits commensurate with this decision.

/Manjunath Rao/

Manjunath Rao
Supervisory Patent Examiner &
POC for TC 1600 Green Tech Petitions
Technology Center 1600

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (05-10)
Approved for use through 05/31/2010. OMB 0651-0062
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PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 1630-1016PUS1	Application Number (if known): NEW	Filing date: NOV 15 2011
First Named Inventor: Taeyoon KIM		
Title: SOLAR CELL MODULE		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements set forth in the notice titled "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," as modified by the notice titled "Elimination of Classification Requirement in the Green Technology Pilot Program," each of which was published in the Federal Register, if the Office determines that the claims are not obviously directed to a single invention.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature	Date NOV 15 2011
Name (Print/Typed) Esther H. Chong	Registration Number 40953

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Docket No.: 1630-1016PUS1
(Patent)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application of:
Taeyoon KIM et al.

Application No.:	NEW	Confirmation No.:	Not Yet Assigned
Filed:	NOV 15 2011	Art Unit:	Not Yet Assigned
For:	SOLAR CELL MODULE	Examiner:	Not Yet Assigned

STATEMENT OF SPECIAL STATUS FOR THE ELIGIBILITY REQUIREMENT UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In support of the Petition to Make Special Under the Green Technology Pilot Program, it is respectfully submitted that the basis for the requested special status is that the invention claimed in the above-identified patent application materially contributes to the development of renewable energy sources and/or green house gas emission reduction. Specifically, the claimed invention relates to a solar cell.

Additionally, by filing this petition, the applicant agrees to make an election without traverse in a telephone interview and elect an invention that meets the eligibility requirements set for in the notice titled "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," as modified by the notice titled "Elimination of Classification Requirement in the Green Technology Pilot Program," each of which was published in the Federal Register, if the Office determines that the claims are not obviously directed to a single invention.

It is also submitted that this application meets the eligibility requirements to participate in the Green Technology Pilot Program, as listed in the attached Petition to Make Special Under the Green Technology Pilot Program.

Accordingly, it is respectfully requested that the Petition be granted.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Seth S. Kim, Reg. No. 54,577, at the telephone number of the undersigned below to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Director is hereby authorized in this, concurrent, and future replies to charge any fees required during the pendency of the above-identified application or credit any overpayment to Deposit Account No. 02-2448.

Dated: NOV 15 2011

Respectfully submitted,

By _____

Esther H. Chong
Registration No.: 40953
BIRCH, STEWART, KOLASCH & BIRCH, LLP
8110 Gatehouse Road, Suite 100 East
P.O. Box 747
Falls Church, VA 22040-0747
703-205-8000

UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/296,997	11/15/2011	Taeyoon Kim	1630-1016PUS1	1023

2292 7590 12/15/2011
BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH, VA 22040-0747

EXAMINER	
ART UNIT	PAPER NUMBER
1725	

NOTIFICATION DATE	DELIVERY MODE
12/15/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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BIRCH STEWART KOLASCH & BIRCH
PO BOX 747
FALLS CHURCH VA 22040-0747

12/15/2011

In re Application of	:	
Kim et al.	:	DECISION ON PETITION
Application No. 13/296,997	:	TO MAKE SPECIAL UNDER
Filed: 11/15/2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. **1630-1016PUS1**	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed 11/15/2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Tom Dunn at 571-272-1171.

The application is being forwarded to the Technology Center Art Unit 1725 for action on the merits commensurate with this decision.

/Tom Dunn/

Tom Dunn
Quality Assurance Specialist
Technology Center 1700

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (05-10)
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U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
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PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: ENEC.P0006	Application Number (if known): 13/297,241	Filing date: November 15, 2011
First Named Inventor: Paul Garrity		
Title: Photovoltaic Power Conditioning Units		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements set forth in the notice titled "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," as modified by the notice titled "Elimination of Classification Requirement in the Green Technology Pilot Program," each of which was published in the Federal Register, if the Office determines that the claims are not obviously directed to a single invention.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Mani Adeli/	Date 11/16/2011
Name (Print/Typed) Mani Adeli	Registration Number 39,585

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/297,241	11/15/2011	Paul Garrity	ENEC.P0006	5481

48947 7590 01/06/2012

ADELI & TOLLEN, LLP
11940 San Vicente Blvd., Suite 100
LOS ANGELES, CA 90049

EXAMINER	
ART UNIT	PAPER NUMBER
2838	

MAIL DATE	DELIVERY MODE
01/06/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

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ADELI & TOLLEN, LLP
11940 San Vicente Blvd., Suite 100
LOS ANGELES CA 90049

JAN 6 2012

In re Application of :
GARRITY, PAUL :
Application No. 13/297,241 :
Filed: November 15, 2011 :
Attorney Docket No. ENEC.P0006 :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 16, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (05-10)
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PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: ENEC.P0007	Application Number (if known): 13/297,247	Filing date: November 15, 2011
First Named Inventor: Paul Garrity		
Title: Photovoltaic Power Conditioning Units		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements set forth in the notice titled "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," as modified by the notice titled "Elimination of Classification Requirement in the Green Technology Pilot Program," each of which was published in the Federal Register, if the Office determines that the claims are not obviously directed to a single invention.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Mani Adeli/	Date 11/16/2011
Name (Print/Typed) Mani Adeli	Registration Number 39,585

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/297,247	11/15/2011	Paul Garrity	ENEC.P0007	6334

48947 7590 01/06/2012

ADELI & TOLLEN, LLP
11940 San Vicente Blvd., Suite 100
LOS ANGELES, CA 90049

EXAMINER	
ART UNIT	PAPER NUMBER
2838	

MAIL DATE	DELIVERY MODE
01/06/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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LOS ANGELES CA 90049

JAN 6 2012

In re Application of	:	
GARRITY et al.	:	DECISION ON PETITION
Application No. 13/297,247	:	TO MAKE SPECIAL UNDER
Filed: November 15, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. ENEC.P0007	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 16, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (05-10)
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PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: ENEC.P0008	Application Number (if known): 13/297,253	Filing date: November 15, 2011
First Named Inventor: Paul Garrity		
Title: Transformer Construction		

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements set forth in the notice titled "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," as modified by the notice titled "Elimination of Classification Requirement in the Green Technology Pilot Program," each of which was published in the Federal Register, if the Office determines that the claims are not obviously directed to a single invention.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: _____

Signature /Mani Adeli/	Date 11/16/2011
Name (Print/Typed) Mani Adeli	Registration Number 39,585

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

☐ *Total of 1 forms are submitted.

The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/297,253	11/15/2011	Paul Garrity	ENEC.P0008	1050

48947 7590 01/06/2012

ADELI & TOLLEN, LLP
11940 San Vicente Blvd., Suite 100
LOS ANGELES, CA 90049

EXAMINER	
ART UNIT	PAPER NUMBER
2832	

MAIL DATE	DELIVERY MODE
01/06/2012	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
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Alexandria, VA 22313-1450
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ADELI & TOLLEN, LLP
11940 San Vicente Blvd., Suite 100
LOS ANGELES CA 90049

JAN 6 2012

In re Application of :
GARRITY et al. :
Application No. 13/297,253 :
Filed: November 15, 2011 :
Attorney Docket No. ENEC.P0008 :

DECISION ON PETITION
TO MAKE SPECIAL UNDER
THE GREEN TECHNOLOGY
PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed on November 16, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Colleen Dunn at 571-272-1170.

The application is being forwarded to the appropriate Technology Center Art Unit for action on the merits commensurate with this decision.

/Colleen Dunn/

Colleen Dunn
TQAS, TC 2800

Doc Code: PPH.PCT.652
Document Description: Petition to make special under PCT-Patent Pros Hwy

PTO/SB/20PCT-EP (05-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PATENT COOPERATION TREATY - PATENT PROSECUTION HIGHWAY (PCT-PPH) PILOT PROGRAM BETWEEN THE EUROPEAN PATENT OFFICE (EPO) AND THE USPTO

Application No:	13/298,441	Filing date:	2011-11-17
First Named Inventor:	Adrian Helmut Alt-Steiner		
Title of the Invention:	MERTHOD AND APPARATUS FOR PROVIDING INFORMATION ABOUT PRINTING FORMES TO BE MANUFACTURED FOR A NEW PRODUCTION RUN OF A PRINTING PRESS		

THIS REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM ALONG WITH THE REQUIRED DOCUMENTS MUST BE SUBMITTED VIA EFS-WEB. INFORMATION REGARDING EFS-WEB IS AVAILABLE AT HTTP://WWW.USPTO.GOV/EBC/EFS_HELP.HTML

APPLICANT HEREBY REQUESTS PARTICIPATION IN THE PCT-PPH PROGRAM AND PETITIONS TO MAKE THE ABOVE-IDENTIFIED APPLICATION SPECIAL UNDER THE PCT-PPH PROGRAM.

The above-identified application is (1) a national stage entry of the corresponding PCT application, or (2) a national stage entry of another PCT application which claims priority to the corresponding PCT application, or (3) a national application that claims domestic/ foreign priority to the corresponding PCT application, or (4) a national application which forms the basis for the priority claim in the corresponding PCT application, or (5) a continuing application of a U.S. application that satisfies one of (1) to (4) above, or (6) a U.S. application that claims domestic benefit to a U.S. provisional application which forms the basis for the priority claim in the corresponding PCT application.

The corresponding PCT application number(s) is/are: PCT/EP2009/057859

The international filing date of the corresponding PCT application(s) is/are: June 24, 2009

I. List of Required Documents:

a. **A copy of the latest international work product (WO/ISA, WO/IPEA, or IPER) in the above–identified corresponding PCT application(s)**

☒ Is attached

☐ Is not attached because the document is already in the U.S. application.

b. **A copy of all claims which were indicated as having novelty, inventive step and industrial applicability in the above-identified corresponding PCT application(s).**

☒ Is attached.

☐ Is not attached because the document is already in the U.S. application.

c. **English translations of the documents in a. and b. above are attached (if the documents are not in the English language). A statement that the English translation is accurate is attached for the document in b. above.**

This collection of information is required by 35 U.S.C. 119, 37 CFR 1.55, and 37 CFR 1.102(d). The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

PTO/SB/20PCT-EP (05-10)
Approved for use through 01/31/2012. OMB 0651-0058
U.S.Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REQUEST FOR PARTICIPATION IN THE PCT-PPH PILOT PROGRAM BETWEEN THE EPO AND THE USPTO

(continued)

Application No.:	13/298,441
First Named Inventor:	Adrian Helmut Alt-Steiner

d. **(1) An information disclosure statement listing the documents cited in the international work products (ISR, WO/ISA, WO/IPEA, IPER) of the corresponding PCT application.**

☐ Is attached

☒ Has already been filed in the above-identified U.S. application on November 17, 2011

(2) Copies of all documents (except) for U.S. patents or U.S. patent application publications)

☐ Are attached.

☒ Have already been filed in the parent U.S. Application No. 12/737,776 on December 23, 2010

II. Claims Correspondence Table:

Claims in US Application	Patentable Claims in the corresponding PCT Application	Explanation regarding the correspondence
1-22	23-44	direct correspondence

III. All the claims in the US application sufficiently correspond to the patentable claims in the corresponding PCT application.

Signature /Douglas R. Hanscom/	Date November 17, 2011
Name (Print/Typed) Douglas R. Hanscom	Registration Number 26,600

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

KARIN T. DUNN, LLC

GERMAN TRANSLATION AND LANGUAGE SERVICES
Certified by the American Translators Association

4706 OLDE FORGE CT., FAIRFAX, VA 22032
TELEPHONE, FAX: 703-426-1422 · DUNN6FAM@MSN.COM

Date: 22 December 2010

DECLARATION

The undersigned, Karin T. Dunn, hereby states that she is well acquainted with both the English and German languages and that the attached is a true translation to the best of her knowledge and ability of the German text of PCT/EP2009/057859, filed on 24 June 2009 and published on 30 December 2009 under No. WO 2009/156417 A2. The undersigned further states that the prosecution documents associated with PCT/EP2009/057859 and translated by her are also true translations to the best of her knowledge and ability.

The undersigned declares that the above statement is true and that this statement was made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or document or any patent resulting therefrom.

Karin T. Dunn

VERTRAG ÜBER DIE INTERNATIONALE ZUSAMMENARBEIT AUF DEM GEBIET DES PATENTWESENS

PCT

INTERNATIONALER VORLÄUFIGER BERICHT ÜBER DIE PATENTIERBARKEIT

(Kapitel II des Vertrags über die internationale Zusammenarbeit auf dem Gebiet des Patentwesens)

Aktenzeichen des Anmelders oder Anwalts W1.3039PCT	**WEITERES VORGEHEN** siehe Formblatt PCT/IPEA/416	
Internationales Aktenzeichen PCT/EP2009/057859	Internationales Anmeldedatum *(Tag/Monat/Jahr)* 24.06.2009	Prioritätsdatum *(Tag/Monat/Jahr)* 26.06.2008
Internationale Patentklassifikation (IPC) oder nationale Klassifikation und IPC INV. B41F27/12		
Anmelder KOENIG & BAUER AKTIENGESELLSCHAFT		

1. Bei diesem Bericht handelt es sich um den internationalen vorläufigen Prüfungsbericht, der von der mit der internationalen vorläufigen Prüfung beauftragten Behörde nach Artikel 35 erstellt wurde und dem Anmelder gemäß Artikel 36 übermittelt wird.
2. Dieser BERICHT umfaßt insgesamt 10 Blätter einschließlich dieses Deckblatts.
3. Außerdem liegen dem Bericht ANLAGEN bei; diese umfassen
   a. ☒ *(an den Anmelder und das Internationale Büro gesandt)* insgesamt 17 Blätter; dabei handelt es sich um
      ☒ Blätter mit der Beschreibung, Ansprüchen und/oder Zeichnungen, die geändert wurden und diesem Bericht zugrunde liegen, und/oder Blätter mit Berichtigungen, denen die Behörde zugestimmt hat (siehe Regel 70.16 und Abschnitt 607 der Verwaltungsvorschriften).
      ☐ Blätter, die frühere Blätter ersetzen, die aber aus den in Feld Nr. 1, Punkt 4 und im Zusatzfeld angegebenen Gründen nach Auffassung der Behörde eine Änderung enthalten, die über den Offenbarungsgehalt der internationalen Anmeldung in der ursprünglich eingereichten Fassung hinausgeht.
   b. ☐ *(nur an das Internationale Büro gesandt)* insgesamt (bitte Art und Anzahl der/des elektronischen Datenträger(s) angeben) , der/die ein Sequenzprotokoll enthält/enthalten, nur in elektronischer Form, wie im Zusatzfeld betreffend das Sequenzprotokoll angegeben (siehe Ziffer 3*bis* des Anhangs C zu den Verwaltungsvorschriften).

4. Dieser Bericht enthält Angaben zu folgenden Punkten:

☒	Feld Nr. I	Grundlage des Berichts
☐	Feld Nr. II	Priorität
☐	Feld Nr. III	Keine Erstellung eines Gutachtens über Neuheit, erfinderische Tätigkeit und gewerbliche Anwendbarkeit
☒	Feld Nr. IV	Mangelnde Einheitlichkeit der Erfindung
☒	Feld Nr. V	Begründete Feststellung nach Artikel 35(2) hinsichtlich der Neuheit, der erfinderischen Tätigkeit und der gewerblichen Anwendbarkeit; Unterlagen und Erklärungen zur Stützung dieser Feststellung
☐	Feld Nr. VI	Bestimmte angeführte Unterlagen
☐	Feld Nr. VII	Bestimmte Mängel der internationalen Anmeldung
☐	Feld Nr. VIII	Bestimmte Bemerkungen zur internationalen Anmeldung

Datum der Einreichung des Antrags	Datum der Fertigstellung dieses Berichts
2010-03-03	17.12.2010
Name und Postanschrift der mit der internationalen vorläufigen Prüfung beauftragten Behörde Europäisches Patentamt D-80298 München Tel. +49 89 2399 - 0 Fax: +49 89 2399 - 4465	Bevollmächtigter Bediensteter Bellofiore, Vincenzo Tel. +49 89 2399-2741

IAP03Rec'd PCT 23 DEC 2010
12/737276

INTERNATIONALER VORLÄUFIGER BERICHT ÜBER DIE PATENTIERBARKEIT

Internationales Aktenzeichen
PCT/EP2009/057859

Feld Nr. I Grundlage des Berichts

1. Hinsichtlich der **Sprache** beruht der Bescheid auf

☒ der internationalen Anmeldung in der Sprache, in der sie eingereicht wurde.

☐ einer Übersetzung der internationalen Anmeldung in die folgende Sprache , bei der es sich um die Sprache der Übersetzung handelt, die für folgenden Zweck eingereicht worden ist:
- ☐ internationale Recherche (nach Regeln 12.3 a) und 23.1 b))
- ☐ Veröffentlichung der internationalen Anmeldung (nach Regel 12.4 a))
- ☐ internationale vorläufige Prüfung (nach Regeln 55.2 a) und/oder 55.3 a))

2. Hinsichtlich der **Bestandteile*** der internationalen Anmeldung beruht der Bericht auf *(Ersatzblätter, die dem Anmeldeamt auf eine Aufforderung nach Artikel 14 hin vorgelegt wurden, gelten im Rahmen dieses Berichts als "ursprünglich eingereicht" und sind ihm nicht beigefügt)*:

Beschreibung, Seiten

2, 4-49	in der ursprünglich eingereichten Fassung			
1a	eingereicht mit Schreiben vom			01-03-2010
1, 3	eingereicht am	06-12-2010	mit Telefax	

Ansprüche, Nr.

1-67	eingereicht am	06-12-2010	mit Telefax

Zeichnungen, Blätter

1/10-10/10	in der ursprünglich eingereichten Fassung

☐ eines Sequenzprotokolls - siehe Zusatzfeld betreffend das Sequenzprotokoll.

3. ☐ Aufgrund der Änderungen sind folgende Unterlagen fortgefallen:
- ☐ Beschreibung: Seite
- ☐ Ansprüche: Nr.
- ☐ Zeichnungen: Blatt/Abb.
- ☐ Sequenzprotokoll *(genaue Angaben)*:
- ☐ etwaige zum Sequenzprotokoll gehörende Tabellen *(genaue Angaben)*:

4. ☐ Dieser Bericht ist ohne Berücksichtigung (von einigen) der diesem Bericht beigefügten und nachstehend aufgelisteten Änderungen erstellt worden, da diese aus den im Zusatzfeld angegebenen Gründen nach Auffassung der Behörde über den Offenbarungsgehalt in der ursprünglich eingereichten Fassung hinausgehen oder laut Angabe im Zusatzfeld kein Begleitschreiben beigefügt war, in dem die Grundlage für die Änderung in der ursprünglich eingereichten Anmeldung angegeben war (Regel 70.2 c) und c-bis)).
- ☐ Beschreibung: Seite
- ☐ Ansprüche: Nr.
- ☐ Zeichnungen: Blatt/Abb.
- ☐ Sequenzprotokoll *(genaue Angaben)*:

5. ☐ Dieser Bescheid wurde erstellt unter Berücksichtigung der **Berichtigung eines offensichtlichen Fehlers**, die nach Regel 91 von dieser Behörde genehmigt wurde bzw. dieser Behörde mitgeteilt wurde (Regel 70.2 e)).

6. ☐ Bei der Erstellung dieses Berichts wurde der ergänzende internationale Recherchenbericht/wurden die ergänzenden internationalen Recherchenberichte der folgenden Behörde(n) berücksichtigt (R. 45bis.8 b) und c)).

Feld Nr. IV Mangelnde Einheitlichkeit der Erfindung

1. ☒ Auf die Aufforderung zur Einschränkung der Ansprüche oder zur Zahlung zusätzlicher Gebühren hat der Anmelder innerhalb der maßgeblichen Frist:

   ☐ die Ansprüche eingeschränkt.

   ☒ zusätzliche Gebühren entrichtet.

   ☐ die zusätzlichen Gebühren unter Widerspruch und gegebenenfalls die Widerspruchsgebühr entrichtet.

   ☐ die zusätzlichen Gebühren unter Widerspruch, nicht aber die entsprechende Widerspruchsgebühr entrichtet.

   ☐ weder die Ansprüche eingeschränkt noch zusätzliche Gebühren entrichtet.

2. ☐ Die Behörde hat festgestellt, dass das Erfordernis der Einheitlichkeit der Erfindung nicht erfüllt ist, und hat gemäß Regel 68.1 beschlossen, den Anmelder nicht zur Einschränkung der Ansprüche oder zur Zahlung zusätzlicher Gebühren aufzufordern.

3. Die Behörde ist der Auffassung, dass das Erfordernis der Einheitlichkeit der Erfindung nach den Regeln 13.1, 13.2 und 13.3

   ☐ erfüllt ist.

   ☒ aus folgenden Gründen nicht erfüllt ist:

   siehe Beiblatt

4. Daher ist der Bericht für die folgenden Teile der internationalen Anmeldung erstellt worden:

   ☒ alle Teile.

   ☐ die Teile, die sich auf die Ansprüche mit folgenden Nummern beziehen: .

Feld Nr. V Begründete Feststellung nach Artikel 35 (2) hinsichtlich der Neuheit, der erfinderischen Tätigkeit und der gewerblichen Anwendbarkeit; Unterlagen und Erklärungen zur Stützung dieser Feststellung

1. Feststellung

Neuheit (N)	Ja:	Ansprüche 1-67
	Nein:	Ansprüche
Erfinderische Tätigkeit (IS)	Ja:	Ansprüche 1-67
	Nein:	Ansprüche
Gewerbliche Anwendbarkeit (IA)	Ja:	Ansprüche: 1-67
	Nein:	Ansprüche:

2. Unterlagen und Erklärungen (Regel 70.7):

siehe Beiblatt

IAP03Rec'd PCT 23 DEC 2010
12/737276

INTERNATIONALER VORLÄUFIGER BERICHT ZUR PATENTIERBARKEIT (BEIBLATT)

Internationales Aktenzeichen

PCT/EP2009/057859

Zu Punkt IV

1 Diese Behörde hat festgestellt, dass die internationale Anmeldung mehrere Erfindungen oder Gruppen von Erfindungen enthält, die nicht durch eine einzige allgemeine erfinderische Idee verbunden sind (Regel 13.1 PCT), nämlich:

I: Erfindung nach den Ansprüchen 1-22, wobei sich die bereitgestellten Informationen auf die angefertigten Druckformen beziehen.

II: Erfindung nach den Ansprüchen 23-44, wobei sich die bereitgestellten Informationen auf die anzufertigenden Druckformen beziehen.

III: Erfindung nach den Ansprüchen 45-61, wobei sich die bereitgestellten Informationen auf eine von einer betreffenden angefertigten oder anzufertigenden Druckform auf ihrem Transportweg zur Druckmaschine aktuell eingenommene Position beziehen.

2 Die gemeinsamen Merkmale, die die Verfahrensansprüche 1, 23 und 45 verbinden sind folgende, wobei diese jedoch aus den Dokumenten WO 2007/090732 (D1) bzw. US 2002/0050216 (D2) bekannt sind:

Das Dokument D1 offenbart (die Verweise in Klammern beziehen sich auf dieses Dokument):

ein Verfahren zur Bereitstellung von Informationen über Druckformen, welche für eine neue Produktion einer Druckmaschine anzufertigen sind (S.4, 2.Absatz), bei dem eine Verwendung von mehreren (mindestens einer) dieser Druckformen (37) an ihrem Einsatzort in der Druckmaschine in einer Anzeige einer Anzeigevorrichtung (117) visualisiert wird, wobei am Einsatzort der betreffenden Druckform (37) mehrere voneinander verschiedene Positionen bestehen, wobei jede dieser Positionen eine von mehreren Speicherpositionen eines die mehreren Speicherpositionen aufweisenden Druckformmagazins (38; 39) der Druckmaschine betrifft (siehe Fig.8, welche mehrere Druckplatten 37 in axialer Richtung anzeigt und S.17 bzw. Fig.20, bei der zwei übereinander angeordnete Druckplatten in einem Speicher angeordnet sind). Mittels der Anzeige der Anzeigevorrichtung (117) werden aus folgenden Gründen gleichzeitig mehrere unterschiedliche Einsatzorte in der Druckmaschine angezeigt:

Das Druckformmagazin weist in axialer Richtung mehrere Druckplattenspeicher auf, deren Position zur besseren Verdeutlichung des Sachverhalts mit A, B, C und D bezeichnet werden.

S.42 von Dokument D1 ist zu entnehmen, dass eine ampelartige Anzeige in der Anzeigevorrichtung (117) anzeigt, ob eine Unstimmigkeit besteht (rote Leuchtdiode) oder nicht (grüne Leuchtdiode). Eine Unstimmigkeit ist dabei

z.B. eine im falschen Schacht angeordnete Druckplatte. S.44, letzter Absatz ist ferner zu entnehmen, dass die Anzeigevorrichtung (117) ein Vertauschen der Druckplatten in dem Druckformmagazin anzeigt, d.h., dass mindestens zwei Unstimmigkeiten (Druckplatte A im falschen Speicher B, die in den Speicher A gehört, und Druckplatte B im falschen Speicher A, die in den Speicher B gehört) und damit zwei unterschiedliche Einsatzorte gleichzeitig angezeigt werden.

Es wird darauf hingewiesen, dass D1 auch die übrigen Merkmale des Oberbegriffes von Anspruch 1 offenbart, nämlich:

die Anzeige zeigt an, an welchen der Positionen eines bestimmten jeweils mehrere Positionen (Speicher A oder B) aufweisenden Einsatzortes jeweils eine Druckform (37) bereitzustellen ist, wobei von der Anzeige zusätzlich unterschiedliche Zustände (die Druckplatte A ist in Speicher B) hinsichtlich mindestens einer angefertigten Druckform angezeigt werden (S.44, letzter Absatz).

Folglich sind die gemeinsamen Merkmale, welche die Verfahrensansprüche 1, 23 und 45 miteinander verbinden nicht neu im Sinne von Artikel 33(1), (2) PCT.

Die verbleibenden Merkmale der Ansprüche 1, 23 und 45 stehen weder in einem funktionalen Zusammenhang oder beinhalten eine Idee der/die für sich genommen neu und erfinderisch wäre, da dieser Zusammenhang bzw. die Idee nur darin zu bestehen scheint, eine Anzahl von verschiedenen Druckplatten den Plattenzylindern von verschiedenen Druckwerken je nach Produktionsbedarf zuzuführen.

Auch die den drei Erfindungen zugrunde liegenden Probleme sind durch keine einzige erfinderische Idee miteinander verbunden. So löst die erste Erfindung das Problem Informationen über den Einsatzort einer bereits angefertigten Druckplatte bei mehreren unterschiedlichen in derselben Druckmaschine nacheinander auszuführenden Produktionen bereitzustellen, die zweite Erfindung das Problem zu ermitteln, welche Druckplatten noch angefertigt werden müssen, und die dritte Erfindung das Problem, einen optimalen Transportweg der Druckplatten zu ihrem Einsatzort zu ermitteln.

Die Ansprüche 17, 39 und 62 betreffen Vorrichtungen mit den entsprechenden Merkmalen der jeweiligen Verfahren gemäß den Ansprüchen 1, 23 und 45. Daher trifft die obige Argumentation sinngemäß auf den Gegenstand der Ansprüche 17, 39 und 62 zu.

Die Anmeldung entspricht daher nicht den Anforderungen an die Einheitlichkeit der Erfindung im Sinne der Regel 13.1 PCT.

Zu Punkt V

Es wird auf die folgenden Dokumente verwiesen:

D1 WO 2007/090732 A (KOENIG & BAUER AG [DE]; GRETSCH HARALD KARL [DE]) 16. August 2007 (2007-08-16)in der Anmeldung erwähnt

D2 US 2002/050216 A1 (MIYAUTI CHUUJI [JP]) 2. Mai 2002 (2002-05-02)

D3 GB 2 424 392 A (ROLAND MAN DRUCKMASCH [DE]) 27. September 2006 (2006-09-27)

D4 GB 2 316 912 A (ROLAND MAN DRUCKMASCH [DE]) 11. März 1998 (1998-03-11)

D5 EP 1 435 292 A (OHG GIOVANNI CERUTTI S P A [IT]) 7. Juli 2004 (2004-07-07)in der Anmeldung erwähnt

1 **Erfindung I: Ansprüche 1-22**

1.1 Das Dokument D1 wird als nächstliegender Stand der Technik gegenüber dem Gegenstand des Anspruchs 1 angesehen. Wie bereits unter Punkt IV, Absatz 2 erwähnt, offenbart D1 alle Merkmale des Oberbegriffes des Anspruchs 1 (siehe D1: Zusammenfassung; Seiten 27-28, 30, 41-44; Abbildungen 8, 36-41).

Der Gegenstand des Anspruchs 1 unterscheidet sich somit von dem aus dem Dokument D1 bekannten Verfahren dadurch, dass ***die Anzeige gleichzeitig mehrere unterschiedliche in derselben Druckmaschine nacheinander auszuführende Produktionen mit mehreren diesen Produktionen jeweils zugeordneten Einsatzorten der für die jeweilige Produktion erforderlichen Druckformen anzeigt***, und ist daher neu im Sinne des Artikels 33 (2) PCT.

Die mit der vorliegenden Erfindung zu lösende objektive technische Aufgabe kann darin bestehen, ein Verfahren zu schaffen, welches die Wirtschaftlichkeit der Druckmaschine bei einem Produktionswechsel durch eine Verkürzung der Rüstzeiten verbessert.

Die in Anspruch 1 der vorliegenden Anmeldung für diese Aufgabe vorgeschlagene Lösung scheint aus folgenden Gründen auf einer erfinderischen Tätigkeit im Sinne des Artikels 33 (3) PCT zu beruhen:

Durch die gleichzeitige Visualisierung von Informationen über die den jeweiligen Einsatzorten eines Druckzylinders zu zuordnenden Druckformen mindestens zweier nacheinander auszuführenden Produktionen ermöglicht die erfindungsgemäße Anzeigevorrichtung eine Übersicht und Kontrolle über die für eine neue Produktion der Druckmaschine angefertigten/anzufertigenden bzw. den jeweiligen Einsatzorten bereitzustellenden Druckformen. Diese Informationen ergeben sich erfindungsgemäß auf einfache Weise aus einem visuellen Vergleich mindestens zweier nacheinander auszuführenden Produktionen.

Im Stand der Technik sind nur Anzeigevorrichtungen bekannt (vgl. D1-D5), womit die Stimmigkeit/Unstimmigkeit einer Montageposition der jeweiligen den Druckformzylindern ***für eine bestimmte Produktion*** zugeordneten Druckformen visuell bestätigt bzw. angezeigt wird. Das in dem kennzeichnenden Teil des Anspruchs 1 aufgeführte Merkmal wird somit vom Stand der Technik weder beschrieben noch nahegelegt.

1.2 Die obige Argumentation trifft auch sinngemäß auf den Gegenstand des Vorrichtungsanspruchs 17 zu.

1.3 Die Ansprüche 2-16 bzw. 18-22 sind vom Anspruch 1 bzw. 17 abhängig und scheinen damit ebenfalls die Erfordernisse des PCT in Bezug auf Neuheit und erfinderische Tätigkeit zu erfüllen.

1.4 Der Gegenstand der Ansprüche 1-22 scheint gewerblich anwendbar zu sein und somit die Erfordernisse des Artikels 33(1) PCT in Kombination mit dem Artikel 33(4) PCT zu erfüllen.

2 **Erfindung II: Ansprüche 23-44**

2.1 Das Dokument D1 wird als nächstliegender Stand der Technik gegenüber dem Gegenstand des Anspruchs 23 angesehen. Wie bereits unter Punkt IV, Absatz 2 erwähnt, offenbart D1 alle Merkmale des Oberbegriffes des Anspruchs 23 (siehe D1: Zusammenfassung; Seiten 27-28, 30, 41-44; Abbildungen 8, 36-41).

Der Gegenstand des Anspruchs 23 unterscheidet sich somit von dem aus dem Dokument D1 bekannten Verfahren dadurch, dass von der Anzeige zusätzlich unterschiedliche Zustände und/oder Eigenschaften ***hinsichtlich mindestens einer anzufertigenden Druckform*** angezeigt werden, und ist daher neu im Sinne des Artikels 33 (2) PCT.

Die mit der vorliegenden Erfindung zu lösende objektive technische Aufgabe kann darin bestehen, ein Verfahren zu schaffen, welches die Wirtschaftlichkeit der Druckmaschine in Bezug auf die Anfertigung von den für eine neue Produktion vorzubereitenden Druckformen erhöht.

Durch die Visualisierung von Informationen über den aktuellen Zustand einer in einer Herstelllinie für eine neue Produktion anzufertigenden Druckform wird von der erfindungsgemäßen Anzeigevorrichtung eine volle Überblick bzw. Kontrolle über die für eine neue Produktion der Druckmaschine anzufertigenden und den jeweiligen Einsatzorten bereitzustellenden Druckformen gewährleistet.

Keines der zitierten Dokumente (D2-D5) legt das in dem kennzeichnenden Teil aufgeführte Merkmal des Anspruchs 23 nahe. Der Fachmann würde in dem Stand der Technik keinen Anreiz finden, wonach Informationen über die für einen Produktionswechsel anzufertigenden Druckformen auf der Anzeigevorrichtung visualisiert werden könnten, d.h. er würde nicht zum Gegenstand des Anspruchs 23 gelangen, ohne dabei erfinderisch tätig zu werden. Daher scheint der Gegenstand des Anspruchs 23 auf einer erfinderischen Tätigkeit zu beruhen (Artikel 33(3) PCT).

2.2 Die obige Argumentation trifft auch sinngemäß auf den Gegenstand des Vorrichtungsanspruchs 39 zu.

2.3 Die Ansprüche 24-38 bzw. 40-44 sind vom Anspruch 23 bzw. 39 abhängig und scheinen damit ebenfalls die Erfordernisse des PCT in Bezug auf Neuheit und erfinderische Tätigkeit zu erfüllen.

2.4 Der Gegenstand der Ansprüche 23-44 scheint gewerblich anwendbar zu sein und somit die Erfordernisse des Artikels 33(1) PCT in Kombination mit dem Artikel 33(4) PCT zu erfüllen.

3 **Erfindung III: Ansprüche 45-67**

3.1 Das Dokument D1 wird als nächstliegender Stand der Technik gegenüber dem Gegenstand des Anspruchs 45 angesehen. Wie bereits unter Punkt IV, Absatz 2 erwähnt, offenbart D1 alle Merkmale des Oberbegriffes des Anspruchs 45 (siehe D1: Zusammenfassung; Seiten 27-28, 30, 41-44; Abbildungen 8, 36-41).

Der Gegenstand des Anspruchs 45 unterscheidet sich somit von dem aus dem Dokument D1 bekannten Verfahren dadurch, dass von der Anzeige zusätzlich ***eine von mindestens einer angefertigten oder anzufertigenden***

Druckform auf ihrem Transportweg zur Druckmaschine aktuell eingenommene Position angezeigt wird, und ist daher neu im Sinne des Artikels 33 (2) PCT.

Die mit der vorliegenden Erfindung zu lösende objektive technische Aufgabe kann darin bestehen, ein Verfahren zu schaffen, welches die Wirtschaftlichkeit der Druckmaschine bezüglich des Transports bzw. der Adressierung zu den jeweiligen den Druckformzylindern zugeordneten Einsatzorten von den für eine neue Produktion angefertigten oder anzufertigenden Druckformen optimiert.

Durch die Visualisierung von Informationen über die aktuelle eingenommene Position einer sich auf ihrem Transportweg zur Druckmaschine befindenden Druckform wird von der erfindungsgemäßen Anzeigevorrichtung eine volle Überblick der Lieferung bzw. Kontrolle über die für eine neue Produktion der Druckmaschine angefertigten oder anzufertigenden erforderlichen Druckformen erzielt.

Das in dem kennzeichnenden Teil des Anspruchs 45 aufgeführte Merkmal wird vom Stand der Technik weder beschrieben noch nahegelegt, da die Dokumente D2-D5 das Problem der Adressierung (Transport-Tracking) von Druckformen weder explizit noch implizit ansprechen.

Aus diesen Gründen scheint der Gegenstand des Anspruchs 45 auf einer erfinderischen Tätigkeit zu beruhen (Artikel 33(3) PCT).

3.2 Die obige Argumentation trifft auch sinngemäß auf den Gegenstand des Vorrichtungsanspruchs 62 zu.

3.3 Die Ansprüche 46-61 bzw. 63-67 sind vom Anspruch 45 bzw. 62 abhängig und scheinen damit ebenfalls die Erfordernisse des PCT in Bezug auf Neuheit und erfinderische Tätigkeit zu erfüllen.

3.4 Der Gegenstand der Ansprüche 45-67 scheint gewerblich anwendbar zu sein und somit die Erfordernisse des Artikels 33(1) PCT in Kombination mit dem Artikel 33(4) PCT zu erfüllen.

Beschreibung

Verfahren und Vorrichtungen zur Bereitstellung von Informationen über Druckformen, welche für eine neue Produktion einer Druckmaschine anzufertigen sind

Die Erfindung betrifft Verfahren zur Bereitstellung von Informationen über Druckformen, welche für eine neue Produktion einer Druckmaschine anzufertigen sind, gemäß dem Oberbegriff des Anspruches 1, 23 oder 45 und entsprechende Vorrichtungen gemäß dem Oberbegriff des Anspruches 17, 39 oder 62.

Durch die DE 10 2006 008 136 A1 bzw. WO 2007/090732 A2 ist bekannt, in einer Auswerteeinheit mit Mitteln der elektronischen Datenverarbeitung von einzelnen Druckformen erfasste Bilddaten durch eine Verknüpfung mit Daten, die der Auswerteeinheit von einem Produktionsplanungssystem zur Verfügung gestellt werden, dahingehend auszuwerten, ob ein in einer Druckmaschine angeordnetes Druckformmagazin mit den für eine geplante Produktion richtigen Druckformen bestückt ist, wobei diese Prüfung dahingehend erfolgt, ob in einem Schacht des Druckformmagazins die für die geplante Produktion erforderliche Druckform gespeichert ist. Die Auswerteeinheit ist mit einer Meldeeinrichtung verbunden, an der die Auswerteeinheit zumindest eine erkannte Unstimmigkeit zwischen der erkannten tatsächlich gespeicherten Druckform und einer an dieser Stelle für die geplante Produktion erforderliche Druckform anzeigt und/oder eine entsprechende, vom Bedienpersonal der Druckmaschine wahrnehmbare Meldung ausgibt. Die Meldeeinrichtung kann eine visuelle und/oder akustische Anzeige beinhalten.

Durch die US 2002/0050216 A1 sind ein Verfahren und eine Vorrichtung zur Bereitstellung von Informationen über Druckformen, welche für eine neue Produktion einer Druckmaschine anzufertigen sind, bekannt, wobei von auf Formzylindern einer Rotationsdruckmaschine montierten Druckformen deren jeweilige bei deren Belichtung

3/19

Druckformen an einem Zylinder einer Druckmaschine bekannt, wobei an dem Zylinder mehrere Druckformen anzuordnen sind, wobei an einem Transportsystem hängende, einem Druckwerk zuzuführende Druckformen an dem Druckwerk, dem sie zugeordnet sind, abgenommen und in einem Behältnis zwischengespeichert werden, nachdem ein Codeleser einen an jeder Druckform angebrachten Code gelesen und ihre Zuordnung zu dem Druckwerk festgestellt hat.

Der Erfindung liegt die Aufgabe zugrunde, Verfahren und Vorrichtungen zur Bereitstellung von Informationen über Druckformen, welche für eine neue Produktion einer Druckmaschine anzufertigen sind, zu schaffen, welche eine Übersicht und Kontrolle über die für die neue Produktion der Druckmaschine anzufertigenden Druckformen ermöglichen.

Die Aufgabe wird erfindungsgemäß durch die Merkmale des Anspruches 1, 17, 23, 39, 45 und 62 gelöst.

Die mit der Erfindung erzielbaren Vorteile bestehen insbesondere darin, dass das Verfahren und auch die Vorrichtung eine Übersicht und Kontrolle über die für eine neue Produktion der Druckmaschine anzufertigenden Druckformen ermöglichen. Die zu unterschiedlichen Zeitpunkten zumindest mit mindestens einem Druckbild versehenen Druckformen sind vorsortiert speicherbar und in hinsichtlich einer geplanten Produktion bedarfsgerechten Sätzen gemeinsam an der Druckmaschine bereitstellbar. Dies erspart einem Bediener, der die Druckmaschine für eine anstehende Produktion einrichtet, Zeit, die er sonst für ein Sortieren von in der Praxis, z. B. im Zeitungsdruck häufig in beliebiger Reihenfolge angefertigten Druckformen und ein Komplettieren zu an einem bestimmten von mehreren möglichen Einsatzorten, z. B. an einem bestimmten Formzylinder oder an einem bestimmten Druckformmagazin der Druckmaschine, erforderlichen Satz von zusammengehörenden Druckformen benötigte. Ergebnismäßig wird eine kürzere Rüstzeit erreicht, was die Wirtschaftlichkeit der Druckmaschine verbessert. Nichtsdestoweniger bleibt die volle Flexibilität in der Reihenfolge der anzufertigenden Druckformen erhalten,

Duration: 06.12.2010 15:22:36 - 06.12.2010 15:24:45. This page 4 of 19 was completed at 06.12.2010 15:23:03
Received at the EPO on Dec 06, 2010 15:24:45. Page 4 of 19

Ansprüche

1. Verfahren zur Bereitstellung von Informationen über Druckformen, welche für eine neue Produktion einer Druckmaschine anzufertigen sind, bei dem eine Verwendung von mindestens einer dieser Druckformen (01) an ihrem Einsatzort in der Druckmaschine in einer Anzeige einer Anzeigevorrichtung (52) visualisiert wird, wobei am Einsatzort der betreffenden Druckform (01) mehrere voneinander verschiedene Positionen bestehen, wobei jede dieser Positionen eine von mehreren Montagepositionen auf einem die mehreren Montagepositionen aufweisenden in der Druckmaschine angeordneten Formzylinder (06) oder eine von mehreren Speicherpositionen in einem von mehreren die betreffende Speicherposition aufweisenden Schächten eines einem der Formzylinder (06) zugeordneten Druckformmagazins (09) der Druckmaschine betrifft, wobei mittels der Anzeige der Anzeigevorrichtung (52) gleichzeitig mehrere unterschiedliche Einsatzorte in der Druckmaschine angezeigt werden, wobei von der Anzeige angezeigt wird, an welchen der Positionen eines bestimmten jeweils mehrere Positionen aufweisenden Einsatzortes jeweils eine Druckform (01) bereitzustellen ist, wobei von der Anzeige zusätzlich unterschiedliche Zustände und/oder Eigenschaften hinsichtlich mindestens einer angefertigten Druckform (01) angezeigt werden, dadurch gekennzeichnet, dass die Anzeige gleichzeitig mehrere unterschiedliche in derselben Druckmaschine nacheinander auszuführende Produktionen mit mehreren diesen Produktionen jeweils zugeordneten Einsatzorten der für die jeweilige Produktion erforderlichen Druckformen (01) anzeigt.

2. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die von der Anzeige angezeigten Zustände und/oder Eigenschaften anzeigen, ob sich eine bestimmte Druckform (01) aktuell in einer Herstelllinie zur Anfertigung von für die neue Produktion vorzubereitenden Druckformen (01) befindet.

Duration: 06.12.2010 15:22:36 - 06.12.2010 15:24:45. This page 5 of 19 was completed at 06.12.2010 15:23:10
Received at the EPO on Dec 06, 2010 15:24:45. Page 5 of 19

3. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die von der Anzeige angezeigten Zustände und/oder Eigenschaften anzeigen, ob sich eine bestimmte Druckform (01) aktuell in einer zur Herstelllinie gehörenden Plattenbelichtungseinrichtung (33) oder in einer Entwicklungseinrichtung (36) oder in einer Abkanteinrichtung (38) oder in einer Speichereinrichtung (51) befindet.

4. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die von der Anzeige angezeigte Information über den Zustand und/oder die Eigenschaft der betreffenden Druckform (01) aus einem Abgleich von Daten resultiert, wobei von einer Steuereinheit (39) eines die Produktion der Druckmaschine steuernden Produktionsplanungssystems bereitgestellte Daten mit Daten abgeglichen werden, die in der Herstelllinie zur Anfertigung der betreffenden Druckform (01) anfallen.

5. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die Anzeige ihre jeweilige Information grafisch darstellt.

6. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die Anzeige ihre jeweilige Information durch eine Verwendung von mindestens einem Symbol darstellt.

7. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die Anzeige anzeigt, an welcher Position des betreffenden Einsatzortes bereits eine Druckform (01) angeordnet ist.

8. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die Anzeige anzeigt, welcher Position des geplanten Einsatzortes eine einsatzfertig angefertigte, noch von ihrem Einsatzort getrennte Druckform (01) zugeordnet ist.

9. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die Anzeige anzeigt,

Duration: 06.12.2010 15:22:36 - 06.12.2010 15:24:45. This page 6 of 19 was completed at 06.12.2010 15:23:17
Received at the EPO on Dec 06, 2010 15:24:45. Page 6 of 19

welche Position des betreffenden Einsatzortes bei der bevorstehenden Produktion nicht mit einer Druckform (01) zu belegen ist.

10. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die Anzeige anzeigt, an welcher Position des betreffenden Einsatzortes eine nicht druckende Druckform (01) anzuordnen ist.

11. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die Anzeige anzeigt, ob ein für einen bestimmten Formzylinder (06) benötigter Satz von Druckformen (01) vollzählig ist.

12. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die Anzeige anzeigt, für welche jeweils mehrere Formzylinder (06) oder Schächte von Druckformmagazinen (09) aufweisende Druckeinheit (44; 44.1; 44.2) einer mehrere Druckeinheiten (44; 44.1; 44.2) aufweisenden Druckanlage mindestens ein Satz von Druckformen (01) vollzählig ist und/oder welcher der von mehreren in einer bestimmten der Druckeinheiten (44; 44.1; 44.2) anzuordnenden Sätze von Druckformen (01) einsatzfertig angefertigt ist.

13. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die Bereitstellung von Informationen mit Hilfe eines Kommunikationssystems (41) erfolgt, welches die Anzeigevorrichtung (52) mit der jeweiligen Steuereinheit verschiedener anderer Einrichtungen (33; 34; 38; 39; 42; 51; 57) für einen Datenaustausch miteinander verbindet.

14. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die Anzeige in einem Bereich erfolgt, in welchem ein Sammelbehälter (43) die einen bestimmten Formzylinder (06) oder ein bestimmtes Druckformmagazin (09) betreffenden Druckformen (01) vor deren Transport zu dem betreffenden Formzylinder (06) oder

7/19

Druckformmagazin (09) aufnimmt.

15. Verfahren nach Anspruch 14, dadurch gekennzeichnet, dass der mindestens eine Druckform (01) transportierende Sammelbehälter (43) mittels des Kommunikationssystems (41) der Anzeigevorrichtung (52) Daten zumindest hinsichtlich der von der betreffenden Druckform (01) auf ihrem Transportweg zur Druckmaschine aktuell eingenommenen Position bereitstellt.

16. Verfahren nach Anspruch 1, dadurch gekennzeichnet, dass die Anzeige an einem zu der Druckmaschine gehörenden Leitstand (42) oder in einer anderen zu der Druckmaschine gehörenden Maschineneinheit erfolgt.

17. Vorrichtung zur Bereitstellung von Informationen über Druckformen, welche für eine neue Produktion einer Druckmaschine anzufertigen sind, mit einer Anzeigevorrichtung (52), wobei mit einer Anzeige der Anzeigevorrichtung (52) eine Verwendung von mindestens einer dieser Druckformen (01) an ihrem Einsatzort in der Druckmaschine visualisiert ist, wobei am Einsatzort der betreffenden Druckform (01) mehrere voneinander verschiedene Positionen vorgesehen sind, wobei jede dieser Positionen als eine von mehreren Montagepositionen auf einem die mehreren Montagepositionen aufweisenden in der Druckmaschine angeordneten Formzylinder (06) oder als eine von mehreren Speicherpositionen in einem von mehreren die betreffende Speicherposition aufweisenden Schächten eines einem der Formzylinder (06) zugeordneten Druckformmagazins (09) der Druckmaschine ausgebildet ist, wobei von der Anzeige der Anzeigevorrichtung (52) gleichzeitig mehrere unterschiedliche Einsatzorte in der Druckmaschine angezeigt sind, wobei von der Anzeige angezeigt ist, an welchen der Positionen eines bestimmten jeweils mehrere Positionen aufweisenden Einsatzortes jeweils eine Druckform (01) bereitzustellen ist, wobei von der Anzeige zusätzlich unterschiedliche Zustände und/oder Eigenschaften hinsichtlich mindestens einer angefertigten Druckform (01)

Duration: 06.12.2010 15:22:36 - 06.12.2010 15:24:45. This page 8 of 19 was completed at 06.12.2010 15:23:31
Received at the EPO on Dec 06, 2010 15:24:45. Page 8 of 19

angezeigt sind, dadurch gekennzeichnet, dass die Anzeige der Anzeigevorrichtung (52) in der Lage ist, gleichzeitig mehrere unterschiedliche in derselben Druckmaschine nacheinander auszuführende Produktionen mit mehreren diesen Produktionen jeweils zugeordneten Einsatzorten der für die jeweilige Produktion erforderlichen Druckformen (01) anzuzeigen.

18. Vorrichtung nach Anspruch 17, dadurch gekennzeichnet, dass die mindestens eine zu einem bestimmten Formzylinder (08) oder zu einem bestimmten Druckformmagazin (09) der Druckmaschine zu transportierende Druckform (01) in einem mobilen Sammelbehälter (43) angeordnet ist.

19. Vorrichtung nach Anspruch 17, dadurch gekennzeichnet, dass die Anzeigevorrichtung (52) mittels eines Kommunikationssystems (41) mit der jeweiligen Steuereinheit verschiedener anderer Einrichtungen (33; 34; 38; 39; 42; 51; 57) für einen Datenaustausch verbunden ist.

20. Vorrichtung nach Anspruch 18 und 19, dadurch gekennzeichnet, dass der die mindestens eine Druckform (01) transportierende Sammelbehälter (43) mittels des Kommunikationssystems (41) der Anzeigevorrichtung (52) Daten zumindest hinsichtlich der von der betreffenden Druckform (01) auf ihrem Transportweg zur Druckmaschine aktuell eingenommenen Position bereitstellt.

21. Vorrichtung nach Anspruch 17, dadurch gekennzeichnet, dass die Anzeige der Anzeigevorrichtung (52) in einem zu der Druckmaschine gehörenden Leitstand (42) oder in einer anderen zu der Druckmaschine gehörenden Maschineneinheit angeordnet ist.

22. Vorrichtung nach Anspruch 17, dadurch gekennzeichnet, dass die Anzeige der Anzeigevorrichtung (52) in einer zu der Druckmaschine gehörenden Druckeinheit

9/19

(44; 44.1; 44.2) angeordnet ist.

23. Verfahren zur Bereitstellung von Informationen über Druckformen, welche für eine neue Produktion einer Druckmaschine anzufertigen sind, bei dem eine Verwendung von mindestens einer dieser Druckformen (01) an ihrem Einsatzort in der Druckmaschine in einer Anzeige einer Anzeigevorrichtung (52) visualisiert wird, wobei am Einsatzort der betreffenden Druckform (01) mehrere voneinander verschiedene Positionen bestehen, wobei jede dieser Positionen eine von mehreren Montagepositionen auf einem die mehreren Montagepositionen aufweisenden in der Druckmaschine angeordneten Formzylinder (06) oder eine von mehreren Speicherpositionen in einem von mehreren die betreffende Speicherposition aufweisenden Schächten eines einem der Formzylinder (06) zugeordneten Druckformmagazins (09) der Druckmaschine betrifft, wobei mittels der Anzeige der Anzeigevorrichtung (52) gleichzeitig mehrere unterschiedliche Einsatzorte in der Druckmaschine angezeigt werden, wobei von der Anzeige angezeigt wird, an welchen der Positionen eines bestimmten jeweils mehrere Positionen aufweisenden Einsatzortes jeweils eine Druckform (01) bereitzustellen ist, dadurch gekennzeichnet, dass von der Anzeige zusätzlich unterschiedliche Zustände und/oder Eigenschaften hinsichtlich mindestens einer anzufertigenden Druckform (01) angezeigt werden.

24. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die von der Anzeige angezeigten Zustände und/oder Eigenschaften anzeigen, ob sich eine bestimmte Druckform (01) aktuell in einer Herstelllinie zur Anfertigung von für die neue Produktion vorzubereitenden Druckformen (01) befindet.

25. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die von der Anzeige angezeigten Zustände und/oder Eigenschaften anzeigen, ob sich eine bestimmte Druckform (01) aktuell in einer zur Herstelllinie gehörenden

Duration: 06.12.2010 15:22:36 - 06.12.2010 15:24:45. This page 10 of 19 was completed at 06.12.2010 15:23:45
Received at the EPO on Dec 06, 2010 15:24:45. Page 10 of 19

Plattenbelichtungseinrichtung (33) oder in einer Entwicklungseinrichtung (36) oder in einer Abkanteinrichtung (38) oder in einer Speichereinrichtung (51) befindet.

26. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die von der Anzeige angezeigte Information über den Zustand und/oder die Eigenschaft der betreffenden Druckform (01) aus einem Abgleich von Daten resultiert, wobei von einer Steuereinheit (39) eines die Produktion der Druckmaschine steuernden Produktionsplanungssystems bereitgestellte Daten mit Daten abgeglichen werden, die in der Herstelllinie zur Anfertigung der betreffenden Druckform (01) anfallen.

27. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die Anzeige ihre jeweilige Information grafisch darstellt.

28. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die Anzeige ihre jeweilige Information durch eine Verwendung von mindestens einem Symbol darstellt.

29. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die Anzeige anzeigt, an welcher Position des betreffenden Einsatzortes bereits eine Druckform (01) angeordnet ist.

30. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die Anzeige anzeigt, welche Position des betreffenden Einsatzortes bei der bevorstehenden Produktion nicht mit einer Druckform (01) zu belegen ist.

31. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die Anzeige anzeigt, an welcher Position des betreffenden Einsatzortes eine nicht druckende Druckform (01) anzuordnen ist.

Duration: 06.12.2010 15:22:36 - 06.12.2010 15:24:45. This page 11 of 19 was completed at 06.12.2010 15:23:51
Received at the EPO on Dec 06, 2010 15:24:45. Page 11 of 19

32. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die Anzeige anzeigt, ob ein für einen bestimmten Formzylinder (06) benötigter Satz von Druckformen (01) vollzählig ist.

33. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die Anzeige anzeigt, für welche jeweils mehrere Formzylinder (06) oder Druckformmagazine (09) aufweisende Druckeinheit (44; 44.1; 44.2) einer mehrere Druckeinheiten (44; 44.1; 44.2) aufweisenden Druckanlage mindestens ein Satz von Druckformen (01) vollzählig ist und/oder welcher der von mehreren in einer bestimmten der Druckeinheiten (44; 44.1; 44.2) anzuordnenden Sätze von Druckformen (01) einsatzfertig angefertigt ist.

34. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die Anzeige gleichzeitig mehrere unterschiedliche in derselben Druckmaschine nacheinander auszuführende Produktionen mit mehreren diesen Produktionen jeweils zugeordneten Einsatzorten der für die jeweilige Produktion erforderlichen Druckformen (01) anzeigt.

35. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die Bereitstellung von Informationen mit Hilfe eines Kommunikationssystems (41) erfolgt, welches die Anzeigevorrichtung (52) mit der jeweiligen Steuereinheit verschiedener anderer Einrichtungen (33; 34; 38; 39; 42; 51; 57) für einen Datenaustausch miteinander verbindet.

36. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die Anzeige in einem Bereich erfolgt, in welchem ein Sammelbehälter (43) die einen bestimmten Formzylinder (06) oder ein bestimmtes Druckformmagazin (09) betreffenden Druckformen (01) vor deren Transport zu dem betreffenden Formzylinder (06) oder Druckformmagazin (09) aufnimmt.

12119

37. Verfahren nach Anspruch 36, dadurch gekennzeichnet, dass der mindestens eine Druckform (01) transportierende Sammelbehälter (43) mittels des Kommunikationssystems (41) der Anzeigevorrichtung (52) Daten zumindest hinsichtlich der von der betreffenden Druckform (01) auf ihrem Transportweg zur Druckmaschine aktuell eingenommenen Position bereitstellt.

38. Verfahren nach Anspruch 23, dadurch gekennzeichnet, dass die Anzeige an einem zu der Druckmaschine gehörenden Leitstand (42) oder in einer anderen zu der Druckmaschine gehörenden Maschineneinheit erfolgt.

39. Vorrichtung zur Bereitstellung von Informationen über Druckformen, welche für eine neue Produktion einer Druckmaschine anzufertigen sind, mit einer Anzeigevorrichtung (52), wobei mit einer Anzeige der Anzeigevorrichtung (52) eine Verwendung von mindestens einer dieser Druckformen (01) an ihrem Einsatzort in der Druckmaschine visualisiert ist, wobei am Einsatzort der betreffenden Druckform (01) mehrere voneinander verschiedene Positionen vorgesehen sind, wobei jede dieser Positionen als eine von mehreren Montagepositionen auf einem die mehreren Montagepositionen aufweisenden in der Druckmaschine angeordneten Formzylinder (06) oder als eine von mehreren Speicherpositionen in einem von mehreren die betreffende Speicherposition aufweisenden Schächten eines einem der Formzylinder (06) zugeordneten Druckformmagazins (09) der Druckmaschine ausgebildet ist, wobei von der Anzeige der Anzeigevorrichtung (52) gleichzeitig mehrere unterschiedliche Einsatzorte in der Druckmaschine angezeigt sind, wobei von der Anzeige angezeigt ist, an welchen der Positionen eines bestimmten jeweils mehrere Positionen aufweisenden Einsatzortes jeweils eine Druckform (01) bereitzustellen ist, dadurch gekennzeichnet, dass von der Anzeige zusätzlich unterschiedliche Zustände und/oder Eigenschaften hinsichtlich mindestens einer anzufertigenden Druckform (01) angezeigt sind.

13/19

40. Vorrichtung nach Anspruch 39, dadurch gekennzeichnet, dass die Anzeigevorrichtung (52) mittels eines Kommunikationssystems (41) mit der jeweiligen Steuereinheit verschiedener anderer Einrichtungen (33; 34; 38; 39; 42; 51; 57) für einen Datenaustausch verbunden ist.

41. Vorrichtung nach Anspruch 39, dadurch gekennzeichnet, dass die mindestens eine zu einem bestimmten Formzylinder (06) oder zu einem bestimmten Druckformmagazin (09) der Druckmaschine zu transportierende Druckform (01) in einem mobilen Sammelbehälter (43) angeordnet ist.

42. Vorrichtung nach Anspruch 41, dadurch gekennzeichnet, dass der die mindestens eine Druckform (01) transportierende Sammelbehälter (43) mittels des Kommunikationssystems (41) der Anzeigevorrichtung (52) Daten zumindest hinsichtlich der von der betreffenden Druckform (01) auf ihrem Transportweg zur Druckmaschine aktuell eingenommenen Position bereitstellt.

43. Vorrichtung nach Anspruch 39, dadurch gekennzeichnet, dass die Anzeige der Anzeigevorrichtung (52) in einem zu der Druckmaschine gehörenden Leitstand (42) oder in einer anderen zu der Druckmaschine gehörenden Maschineneinheit angeordnet ist.

44. Vorrichtung nach Anspruch 39, dadurch gekennzeichnet, dass die Anzeige der Anzeigevorrichtung (52) in einer zu der Druckmaschine gehörenden Druckeinheit (44; 44.1; 44.2) angeordnet ist.

45. Verfahren zur Bereitstellung von Informationen über Druckformen, welche für eine neue Produktion einer Druckmaschine anzufertigen sind, bei dem eine Verwendung von mindestens einer dieser Druckformen (01) an ihrem Einsatzort in der

14/19

Druckmaschine in einer Anzeige einer Anzeigevorrichtung (52) visualisiert wird, wobei am Einsatzort der betreffenden Druckform (01) mehrere voneinander verschiedene Positionen bestehen, wobei jede dieser Positionen eine von mehreren Montagepositionen auf einem die mehreren Montagepositionen aufweisenden in der Druckmaschine angeordneten Formzylinder (06) oder eine von mehreren Speicherpositionen in einem von mehreren die betreffende Speicherposition aufweisenden Schächten eines einem der Formzylinder (06) zugeordneten Druckformmagazins (09) der Druckmaschine betrifft, wobei mittels der Anzeige der Anzeigevorrichtung (52) gleichzeitig mehrere unterschiedliche Einsatzorte in der Druckmaschine angezeigt werden, wobei von der Anzeige angezeigt wird, an welchen der Positionen eines bestimmten jeweils mehrere Positionen aufweisenden Einsatzortes jeweils eine Druckform (01) bereitzustellen ist, dadurch gekennzeichnet, dass von der Anzeige zusätzlich eine von mindestens einer angefertigten oder anzufertigenden Druckform (01) auf ihrem Transportweg zur Druckmaschine aktuell eingenommene Position angezeigt wird.

46. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die von der Anzeige angezeigten Zustände und/oder Eigenschaften anzeigen, ob sich eine bestimmte Druckform (01) aktuell in einer Herstelllinie zur Anfertigung von für die neue Produktion vorzubereitenden Druckformen (01) befindet.

47. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die von der Anzeige angezeigten Zustände und/oder Eigenschaften anzeigen, ob sich eine bestimmte Druckform (01) aktuell in einer zur Herstelllinie gehörenden Plattenbelichtungseinrichtung (33) oder in einer Entwicklungseinrichtung (36) oder in einer Abkanteinrichtung (38) oder in einer Speichereinrichtung (51) befindet.

48. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die von der Anzeige angezeigte Information über den Zustand und/oder die Eigenschaft der betreffenden

15/19

Druckform (01) aus einem Abgleich von Daten resultiert, wobei von einer Steuereinheit (39) eines die Produktion der Druckmaschine steuernden Produktionsplanungssystems bereitgestellte Daten mit Daten abgeglichen werden, die in der Herstellinie zur Anfertigung der betreffenden Druckform (01) anfallen.

48. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die Anzeige ihre jeweilige Information grafisch darstellt.

50. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die Anzeige ihre jeweilige Information durch eine Verwendung von mindestens einem Symbol darstellt.

51. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die Anzeige anzeigt, an welcher Position des betreffenden Einsatzortes bereits eine Druckform (01) angeordnet ist.

52. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die Anzeige anzeigt, welcher Position des geplanten Einsatzortes eine einsatzfertig angefertigte, noch von ihrem Einsatzort getrennte Druckform (01) zugeordnet ist.

53. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die Anzeige anzeigt, welche Position des betreffenden Einsatzortes bei der bevorstehenden Produktion nicht mit einer Druckform (01) zu belegen ist.

54. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die Anzeige anzeigt, an welcher Position des betreffenden Einsatzortes eine nicht druckende Druckform (01) anzuordnen ist.

55. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die Anzeige anzeigt,

16/19

ob ein für einen bestimmten Formzylinder (06) benötigter Satz von Druckformen (01) vollzählig ist.

58. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die Anzeige anzeigt, für welche jeweils mehrere Formzylinder (06) oder Druckformmagazine (09) aufweisende Druckeinheit (44; 44.1; 44.2) einer mehrere Druckeinheiten (44; 44.1; 44.2) aufweisenden Druckanlage mindestens ein Satz von Druckformen (01) vollzählig ist und/oder welcher der von mehreren in einer bestimmten der Druckeinheiten (44; 44.1; 44.2) anzuordnenden Sätze von Druckformen (01) einsatzfertig angefertigt ist.

57. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die Anzeige gleichzeitig mehrere unterschiedliche in derselben Druckmaschine nacheinander auszuführende Produktionen mit mehreren diesen Produktionen jeweils zugeordneten Einsatzorten der für die jeweilige Produktion erforderlichen Druckformen (01) anzeigt.

56. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die Bereitstellung von Informationen mit Hilfe eines Kommunikationssystems (41) erfolgt, welches die Anzeigevorrichtung (52) mit der jeweiligen Steuereinheit verschiedener anderer Einrichtungen (33; 34; 38; 39; 42; 51; 57) für einen Datenaustausch miteinander verbindet.

59. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die Anzeige in einem Bereich erfolgt, in welchem ein Sammelbehälter (43) die einen bestimmten Formzylinder (06) oder ein bestimmtes Druckformmagazin (09) betreffenden Druckformen (01) vor deren Transport zu dem betreffenden Formzylinder (06) oder Druckformmagazin (09) aufnimmt.

17/19

60. Verfahren nach Anspruch 59, dadurch gekennzeichnet, dass der mindestens eine Druckform (01) transportierende Sammelbehälter (43) mittels des Kommunikationssystems (41) der Anzeigevorrichtung (52) Daten zumindest hinsichtlich der von der betreffenden Druckform (01) auf ihrem Transportweg zur Druckmaschine aktuell eingenommenen Position bereitstellt.

61. Verfahren nach Anspruch 45, dadurch gekennzeichnet, dass die Anzeige an einem zu der Druckmaschine gehörenden Leitstand (42) oder in einer anderen zu der Druckmaschine gehörenden Maschineneinheit erfolgt.

62. Vorrichtung zur Bereitstellung von Informationen über Druckformen, welche für eine neue Produktion einer Druckmaschine anzufertigen sind, mit einer Anzeigevorrichtung (52), wobei mit einer Anzeige der Anzeigevorrichtung (52) eine Verwendung von mindestens einer dieser Druckformen (01) an ihrem Einsatzort in der Druckmaschine visualisiert ist, wobei am Einsatzort der betreffenden Druckform (01) mehrere voneinander verschiedene Positionen vorgesehen sind, wobei jede dieser Positionen als eine von mehreren Montagepositionen auf einem die mehreren Montagepositionen aufweisenden in der Druckmaschine angeordneten Formzylinder (06) oder als eine von mehreren Speicherpositionen in einem von mehreren die betreffende Speicherposition aufweisenden Schächten eines einem der Formzylinder (06) zugeordneten Druckformmagazins (09) der Druckmaschine ausgebildet ist, wobei von der Anzeige der Anzeigevorrichtung (52) gleichzeitig mehrere unterschiedliche Einsatzorte in der Druckmaschine angezeigt sind, wobei von der Anzeige angezeigt ist, an welchen der Positionen eines bestimmten jeweils mehrere Positionen aufweisenden Einsatzortes jeweils eine Druckform (01) bereitzustellen ist, dadurch gekennzeichnet, dass von der Anzeige zusätzlich eine auf ihrem Transportweg zur Druckmaschine befindliche aktuelle Position mindestens einer angefertigten oder anzufertigenden Druckform (01) angezeigt ist.

18/19

63. Vorrichtung nach Anspruch 62, dadurch gekennzeichnet, dass die Anzeigevorrichtung (52) mittels eines Kommunikationssystems (41) mit der jeweiligen Steuereinheit verschiedener anderer Einrichtungen (33; 34; 38; 39; 42; 51; 57) für einen Datenaustausch verbunden ist.

64. Vorrichtung nach Anspruch 62, dadurch gekennzeichnet, dass die mindestens eine zu einem bestimmten Formzylinder (06) oder zu einem bestimmten Druckformmagazin (09) der Druckmaschine zu transportierende Druckform (01) in einem mobilen Sammelbehälter (43) angeordnet ist.

65. Vorrichtung nach Anspruch 64, dadurch gekennzeichnet, dass der die mindestens eine Druckform (01) transportierende Sammelbehälter (43) mittels des Kommunikationssystems (41) der Anzeigevorrichtung (52) Daten zumindest hinsichtlich der von der betreffenden Druckform (01) auf ihrem Transportweg zur Druckmaschine aktuell eingenommenen Position bereitstellt.

66. Vorrichtung nach Anspruch 62, dadurch gekennzeichnet, dass die Anzeige der Anzeigevorrichtung (52) in einem zu der Druckmaschine gehörenden Leitstand (42) oder in einer anderen zu der Druckmaschine gehörenden Maschineneinheit angeordnet ist.

67. Vorrichtung nach Anspruch 62, dadurch gekennzeichnet, dass die Anzeige der Anzeigevorrichtung (52) in einer zu der Druckmaschine gehörenden Druckeinheit (44; 44.1; 44.2) angeordnet ist.

19/19

Translation of the pertinent portions of a **Notification of the Transmittal of the International Preliminary Report on Patentability** in accordance with Rule 71.1 PCT, mailed on 17 December, 2010

2. This report comprises a total of 10 pages including this cover sheet.

3. Enclosures are also included with the report; these include

   A total of 17 pages *(sent to the applicant and to the International Authority)*, which include

   Sheets of the description, claims and/or drawings which have been amended and are the basis of this report, and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).

4. This report contains information relating to the following items:

Box I Basis of the Report

Box IV Lack of unity of invention

Box V Reasoned statement according to Article 35(2) with regard to novelty, inventive step and industrial applicability; citations and explanations to support such statement

Box I Basis of the Report

1. With regard to **language,** this report is based on:

   the international application in the language in which it was filed.

2. With regard to the **elements** of the international application, this report is based on

   the description, pages

2, 4-49	as originally filed/furnished
1a	received with the letter dated 1 March 2010
1, 3	received via telefax on 6 December 2010

   the claims, No.

1-67	received via telefax on 6 December 2010

   the drawings, pages

1/10-10/10	as originally filed/furnished

Box IV **Lack of unity of invention**

1. In response to the invitation to restrict the claims or pay additional fees the applicant has, within the applicable time limit:

   Paid additional fees

3. This Authority considers that the requirement of unity of invention in accordance with Rules 13.1, 13.2 and 13.3 is not complied with for the following reasons:

   See attached sheet

4. Consequently, this report has been established in respect of the following parts of the international application:

   All parts

Box V.

1. Statement

Novelty (N)	Yes: Claims 1-67 No: Claims
Inventive Step (IS)	Yes: Claims 1-67 No: Claims
Industrial Applicability (IA)	Yes: Claims 1-67 No: Claims

2. Citations and Explanations (Rule 70.7):
See attached sheets

Box IV.

1 This Authority has determined that the international application contains multiple inventions or groups of inventions which are not linked so as to form a single general inventive concept (PCT Rule 13.1), as follows:

I: The invention according to claims 1-22, in which the information provided relates to the manufactured printing formes.

II: The invention according to claims 23-44, in which the information provided relates to the printing formes that are to be manufactured.

III: The invention according to claims 45-61, in which the information provided relates to the position currently occupied by a relevant printing forme, which has been or will be manufactured, on its transport path to the printing press.

2 The shared features that link the method claims 1, 23 and 45, which are also known from the documents WO 2007/090732 (D1) or US 2002/0050216 (D2), are the following:

Document D1discloses (the references between parentheses relate to said document):

A method for providing information about printing formes to be manufactured for a new production run of a printing press (page 4, paragraph 2), in which a use of multiple (at least one) of said printing formes (37) at its location of use in the printing press is visualized in a display of a display device (117), wherein at the location of use of the relevant printing forme (37) a plurality of different positions exist, wherein each of said positions relates to one of multiple storage positions in a printing forme magazine (38; 39), which has the multiple storage positions, in the printing press (see figure 8, which shows multiple printing plates 37 in the axial direction; and page 17 or figure 20, in which the two printing plates arranged one above the other are arranged in a storage unit). By means of the display of the display device (117), multiple different locations of use in the printing press are displayed simultaneously for the following reasons:

The printing forme magazine has a plurality of printing plate storage units in the axial direction, the positions of which are identified as A, B, C, D so as to better illustrate the case.

It is clear from page 42 of document D1 that a display similar to a traffic light in the display device (117) indicates whether an inconsistency is present (red light-emitting diode) or not (green light-emitting diode). An inconsistency in this context would be, for example, a printing plate arranged in the wrong chute. It is further clear from page 44, last paragraph, that the display device (117) will indicate a transposition of printing plates in the printing forme magazine, i.e., that at least two inconsistencies (printing plate A in the wrong storage unit B, when it should be in storage unit A, and printing plate B in the wrong storage unit A, when it belongs in storage unit B), and therefore two different locations of use can be displayed simultaneously.

It should be noted that D1 also discloses the remaining features of the preamble of claim 1, namely:

The display indicates at which of the positions of a specific location of use, each such location having multiple positions (storage unit A or B), a printing forme (37) is to be provided, wherein the display also displays various states (printing plate A is in storage unit B) relating to at least one manufactured printing forme (page 44, last paragraph).

Therefore, the shared features which link the method claims 1, 23 and 45 to one another are not novel (PCT Article 33(1) (2)).

The remaining features of claims 1, 23 and 45 are not in a functional relationship, and do not contain any concept, which relationship or concept could itself be considered novel and inventive, because such relationship or concept appears to consist only in supplying a number of different printing plates to the plate cylinders of various printing couples, on the basis of production needs.

The problems addressed by the three inventions also are not linked with one another by a single inventive concept. For instance, the first invention solves the problem of providing information about the location of use of an already manufactured printing plate with multiple different production runs to be executed sequentially in the same printing press, the second invention solves the problem of determining which printing plates still need to be manufactured, and the third invention solves the problem of determining an optimal transport path for the printing plates to their location of use.

Claims 17, 39 and 62 relate to devices having the corresponding features of the respective methods according to claims 1, 23 and 45. Therefore, the above reasoning logically applies to the subject matter of claims 17, 39 and 62.

Therefore, the application fails to comply with the requirement of unity of invention (PCT Rule 13.1).

Box V.

Reference is made to the following documents:

D1: WO 2007/090732 A (KOENIG & BAUER AG [DE]; GRETSCH HARALD KARL [DE]) 16 August 2007 (2007/08/16), cited in the application

D2: US 2002/050216 A1 (MIYAUTI CHUUJI [JP]) 2 May 2002 (2002/05/02)

D3: GB 2 424 392 A (ROLAND MAN DRUCKMASCH [DE]) 27 September 2006 (2006/09/27)

D4: GB 2 316 912 A (ROLAND MAN DRUCKMASCH [DE]) 11 March 1998 (1998/03/11)

D5: EP 1 435 292 A (OHG GIOVANNI CERUTTI S P A [IT]) 7 July 2004 (2004/07/07), cited in the application

1 **Invention I: Claims 1-22**

1.1 Document D1 is considered to be the prior art closest to the subject matter of claim 1. As was already mentioned in Box IV, paragraph 2, D1 discloses all the features of the preamble of claim 1 (see D1: abstract; pages 27-28, 30, 41-44; figures 8, 36-41).

The subject matter of claim 1 therefore differs from the method known from document D1 in that ***the display displays simultaneously multiple different production runs to be executed sequentially in the same printing press, with a plurality of locations of use, assigned to said production runs, for the printing formes that are required for the respective production runs***, and is therefore novel (PCT Article 33(2)).

The objective technical problem addressed by the present invention can be considered that of devising a method which improves the efficiency of the printing press during a production change by shortening set-up times.

The solution to this problem proposed in claim 1 of the present application appears to involve an inventive step for the following reasons (PCT Article 33(3)):

By simultaneously visualizing information about the printing formes for at least two production runs to be executed sequentially, with said formes to be assigned to the respective locations of use in a printing cylinder, the display device according to the invention enables an overview of and control over the printing formes manufactured/to be manufactured for a new production run of the printing press, or to be provided to the respective locations of use. Said information results in a simple manner, according to the invention, from a visual comparison of at least two production runs to be executed sequentially.

In the prior art, only display devices are known (see D1-D5) with which the consistency/inconsistency of a mounting position of the respective printing formes

assigned to the printing forme cylinders ***for a specific production run*** is visually confirmed and/or displayed. Therefore, the feature specified in the characterizing part of claim 1 is not described in or suggested by the prior art.

1.2 The above reasoning also logically applies to the subject matter of device claim 17.

1.3 Claims 2-16 and 18-22 are dependent upon claims 1 and 17, respectively, and therefore also appear to satisfy the requirements of the PCT in respect of novelty and inventive step.

1.4 The subject matter of claims 1-22 appears to be industrially applicable and thus appears to satisfy the requirements of PCT Article 33(1) in conjunction with PCT Article 33(4).

2. **Invention II: Claims 23-44**

2.1 Document D1 is considered to be the prior art closest to the subject matter of claim 23. As was already mentioned in Box IV, paragraph 2, D1 discloses all the features of the preamble of claim 23 (see D1: abstract; pages 27-28, 30, 41-44; figures 8, 36-41).

The subject matter of claim 23 therefore differs from the method known from document D1 in that the display additionally displays various states and/or properties ***relating to at least one printing forme that is to be manufactured***, and is therefore novel (PCT Article 33(2)).

The objective technical problem addressed by the present invention can be considered that of devising a method which increases the efficiency of the printing press in terms of the manufacturing of the printing formes to be provided for a new production run.

By visualizing information about the current state of a printing forme to be manufactured in a production line for a new production run, the display device according to the invention ensures a full overview of and/or control over the printing formes to be manufactured for a new production run of the printing press, and to be provided to the respective locations of use.

None of the cited documents (D2-D5) suggests the feature specified in the characterizing part of claim 23. A person skilled in the art would find no suggestion in the prior art as to how information about the printing formes to be manufactured for a production change could be visualized on the display device, i.e., he would not arrive at the subject matter of claim 23 without exercising inventive skill. Therefore, the subject matter of claim 23 appears to involve an inventive step (PCT Article 33(3)).

2.2 The above reasoning also applies logically to the subject matter of device claim 39.

2.3 Claims 24-38 and 40-44 are dependent upon claims 23 and 39, respectively, and therefore also appear to satisfy the requirements of the PCT in respect of novelty and inventive step.

2.4 The subject matter of claims 23-44 appears to be industrially applicable, and therefore appears to satisfy the requirements of PCT Article 33(1) in conjunction with PCT Article 33(4).

3 **Invention III: Claims 45-67**

3.1 Document D1 is considered to be the prior art closest to the subject matter of claim 45. As was already mentioned in Box IV, paragraph 2, D1 discloses all the features of the preamble of claim 45 (see D1: abstract; pages 27-28, 30, 41-44; figures 8, 36-41).

The subject matter of claim 45 therefore differs from the method known from document D1 in that the display additionally displays ***a position currently occupied by at least one printing forme, which has been or will be manufactured, on its transport path to the printing press***, and is therefore novel (PCT Article 33(2)).

The objective technical problem addressed by the present invention can be considered that of devising a method which optimizes the efficiency of the printing press in terms of the transport of the printing formes that have been or will be manufactured for a new production run, or the addressing of said formes to the respective locations of use assigned to the printing forme cylinders.

By visualizing information about the position currently occupied by a printing forme that is on its transport path to the printing press, the display device according to the invention achieves a full overview of the supply and/or control over the printing formes, which have been or will be manufactured, and that are required for a new production run of the printing press.

The feature specified in the characterizing part of claim 45 is not described or suggested by the prior art, because documents D2-D5 neither explicitly nor implicitly address the problem of addressing (transport tracking) printing formes.

For the above reasons, the subject matter of claim 45 appears to involve an inventive step (PCT Article 33(3)).

3.2 The above reasoning also logically applies to the subject matter of device claim 62.

3.3 Claims 46-61 and 63-67 are dependent upon claims 45 and 62, respectively, and therefore also appear to satisfy the requirements of the PCT in respect of novelty and inventive step.

3.4 The subject matter of claims 45-67 appears to be industrially applicable and therefore appears to satisfy the requirements of PCT Article 33(1) in conjunction with PCT Article 33(4).

Specification

Methods and devices for providing information about printing formes to be manufactured for a new production run of a printing press

The invention relates to methods for providing information about printing formes which are to be manufactured for a new production run of a printing press, according to the preamble of claim 1, 23 or 45, and corresponding devices according to the preamble of claim 17, 39 or 62.

From DE 10 2006 006 136 A1, or WO 2007/090732 A2, it is known to evaluate, in an evaluation unit having electronic data processing means, image data acquired from individual printing formes by linking said data with data provided to the evaluation unit by a production planning system, in order to determine whether a printing forme magazine arranged in a printing press is loaded with the proper printing formes for a planned production run, wherein this examination includes determining whether the printing forme required for the planned production run is stored in a chute of the printing forme magazine. The evaluation unit is connected to a signaling apparatus, on which the evaluation unit displays at least a detected inconsistency between the detected actually stored printing forme and a printing forme that is required at this position for the planned production run, and/or generates a corresponding message that is perceptible to operators of the printing press. The signaling apparatus can contain a visual and/or acoustic display.

From US 2002/0050216 A1 a method and a device for providing information about printing formes to be manufactured for a new production run of a printing press are known, wherein the respective identification code on printing formes mounted on forme cylinders of a rotary printing press, which code is applied during the exposure of said

of a printing press is known, wherein a plurality of printing formes are to be arranged on the cylinder, wherein printing formes suspended from a transport system and to be supplied to a printing couple are removed at the printing couple to which they are assigned and are intermediately stored in a container, once a code reader has read a code that is applied to each printing forme and has determined its assignment to the printing couple.

The problem addressed by the invention is that of devising methods and devices for providing information about printing formes that are to be manufactured for a new production run of a printing press, which enable an overview and control of the printing formes to be manufactured for the new production run of the printing press.

The problem is solved according to the invention by the features of claims 1, 17, 23, 39, 45 and 62.

The advantages to be achieved with the invention consist particularly in that the method and the device enable an overview and control of the printing formes to be manufactured for a new production run of the printing press. The printing formes, which are provided at different times at least with at least one print image, can be stored, presorted, and can be provided together to the printing press in sets as needed with respect to a planned production run. An operator setting the printing press up for a pending production run thereby saves the time he would otherwise require for sorting printing formes, which in practice are frequently manufactured in any random sequence, for example in newspaper printing, and the time he would require for completing an integral set of printing formes, which are required at a specific one of multiple possible locations of use, for example, on a specific forme cylinder or in a specific printing forme magazine of the printing press. As a result, a shorter set-up time is achieved, thereby improving the efficiency of the printing press. Nevertheless, the full flexibility of the sequence of the printing formes to be manufactured is maintained, which is particularly

Claims

1. A method for providing information about printing formes to be manufactured for a new production run of a printing press, in which a use of at least one of said printing formes (01) at its location of use in the printing press is visualized in a display of a display device (52), wherein a plurality of different positions exist at the location of use of the relevant printing forme (01), wherein each of said positions relates to one of multiple mounting positions on a forme cylinder (06) having the multiple mounting positions and arranged in the printing press, or to one of multiple storage positions in one of multiple chutes having the relevant storage position, said chutes being disposed in a printing forme magazine (09) assigned to one of the forme cylinders (06) in the printing press, wherein the display of the display device (52) displays simultaneously a plurality of different locations of use in the printing press, wherein the display displays at which of the positions of a specific location of use having multiple positions a printing forme (01) is to be provided, wherein the display also displays different states and/or properties relating to at least one manufactured printing forme (01), characterized in that the display displays simultaneously multiple different production runs to be executed sequentially in the same printing press, with a plurality of locations of use, assigned to said production runs, for the printing formes (01) that are required for the respective production runs.

2. The method according to claim 1, characterized in that the states and/or properties displayed by the display indicate whether a specific printing forme (01) is currently located in a production line for manufacturing printing formes (01) to be provided for the new production run.

3. The method according to claim 1, characterized in that the states and/or properties displayed by the display indicate whether a specific printing forme (01) is currently located in a plate exposure device (33) belonging to the production line, or in a developing unit (36), or in a bending unit (38), or in a storage device (51).

4. The method according to claim 1, characterized in that the information about the state and/or the property of the relevant printing forme (01), displayed by the display, results from a comparison of data, wherein data provided by a control unit (39) of a production planning system which controls the production in the printing press are compared with data collected in the production line for manufacturing the relevant printing forme (01).

5. The method according to claim 1, characterized in that the display presents its respective information graphically.

6. The method according to claim 1, characterized in that the display presents its respective information using at least one symbol.

7. The method according to claim 1, characterized in that the display indicates at which position in the relevant location of use a printing forme (01) is already arranged.

8. The method according to claim 1, characterized in that the display indicates to which position in the planned location of use a manufactured printing forme (01), which is ready for use but still separate from its location of use, is assigned.

9. The method according to claim 1, characterized in that the display indicates

which position in the relevant location of use will not be loaded with a printing forme (01) for the pending production run.

10. The method according to claim 1, characterized in that the display indicates at which position in the relevant location of use a non-printing printing forme (01) is to be arranged.

11. The method according to claim 1, characterized in that the display indicates whether a set of printing formes (01) required for a specific forme cylinder (06) is complete.

12. The method according to claim 1, characterized in that the display indicates for which printing unit (44; 44.1; 44.2), each comprising multiple forme cylinders (06) or chutes of printing forme magazines (09), in a printing system comprising multiple printing units (44; 44.1; 44.2) at least one set of printing formes (01) is complete, and/or which of the multiple sets of printing formes (01) to be arranged in a specific one of the printing units (44; 44.1; 44.2) has been manufactured and is ready for use.

13. The method according to claim 1, characterized in that information is provided with the help of a communications system (41), which connects the display device (52) to the respective control units of various other devices (33; 34; 38; 39; 42; 51; 57), enabling them to share data with one another.

14. The method according to claim 1, characterized in that the display is provided in an area in which a collection container (43) receives the printing formes (01) relating to a specific forme cylinder (06) or a specific printing forme magazine (09), prior to the transport of said formes to the relevant forme cylinder (06) or

printing forme magazine (09).

15. The method according to claim 14, characterized in that the collection container (43) for transporting at least one printing forme (01) provides data to the display device (52), via the communications system (41), said data relating at least to the position currently occupied by the relevant printing forme (01) on its transport path to the printing press.

16. The method according to claim 1, characterized in that the display is provided at a control center (42) belonging to the printing press, or in another machine unit belonging to the printing press.

17. A device for providing information about printing formes to be manufactured for a new production run of a printing press, comprising a display device (52), wherein a display of the display device (52) visualizes a use of at least one of said printing formes (01) at its location of use in the printing press, wherein at the location of use of the relevant printing forme (01) a plurality of different positions are provided, wherein each of said positions is embodied as one of multiple mounting positions on a forme cylinder (06) having the multiple mounting positions and arranged in the printing press, or as one of multiple storage positions in one of multiple chutes having the relevant storage position, said chutes being disposed in a printing forme magazine (09) assigned to one of the forme cylinders (06) in the printing press, wherein the display of the display device (52) displays simultaneously a plurality of different locations of use in the printing press, wherein the display indicates at which of the positions of a specific location of use having multiple positions a printing forme (01) is to be provided, wherein the display also displays different states and/or properties relating to at least one manufactured printing forme (01), characterized in that the display

of the display device (52) is capable of displaying simultaneously a plurality of different production runs to be executed sequentially in the same printing press, with a plurality of locations of use, assigned to said production runs, for the printing formes (01) that are required for the respective production runs.

18. The device according to claim 17, characterized in that the at least one printing forme (01) to be transported to a specific forme cylinder (06) or to a specific printing forme magazine (09) of the printing press is arranged in a mobile collection container (43).

19. The device according to claim 17, characterized in that the display device (52) is connected via a communications system (41) to the respective control units of various other devices (33; 34; 38; 39; 42; 51; 57) for the purpose of data sharing.

20. The device according to claims 18 and 19, characterized in that the collection container (43) for transporting the at least one printing forme (01) provides data to the display device (52), via the communications system (41), said data relating at least to the position currently occupied by the relevant printing forme (01) on its transport path to the printing press.

21. The device according to claim 17, characterized in that the display of the display device (52) is arranged in a control center (42) belonging to the printing press, or in another machine unit belonging to the printing press.

22. The device according to claim 17, characterized in that the display of the display device (52) is arranged in a printing unit (44; 44.1; 44.2) belonging to the printing

press.

23. A method for providing information about printing formes to be manufactured for a new production run of a printing press, in which a use of at least one of said printing formes (01) at its location of use in the printing press is visualized in a display of a display device (52), wherein a plurality of different positions exist at the location of use of the relevant printing forme (01), wherein each of said positions relates to one of multiple mounting positions on a forme cylinder (06) having the multiple mounting positions and arranged in the printing press, or to one of multiple storage positions in one of multiple chutes having the relevant storage position, said chutes being disposed in a printing forme magazine (09) assigned to one of the forme cylinders (06) in the printing press, wherein the display of the display device (52) displays simultaneously a plurality of different locations of use in the printing press, wherein the display displays at which of the positions of a specific location of use having multiple positions a printing forme (01) is to be provided, characterized in that the display also displays different states and/or properties relating to at least one printing forme (01) to be manufactured.

24. The method according to claim 23, characterized in that the states and/or properties displayed by the display indicate whether a specific printing forme (01) is currently located in a production line for manufacturing printing formes (01) to be provided for the new production run.

25. The method according to claim 23, characterized in that the states and/or properties displayed by the display indicate whether a specific printing forme (01) is currently located in a plate exposure device (33) belonging to the production

line, or in a developing unit (36), or in a bending unit (38), or in a storage device (51).

26. The method according to claim 23, characterized in that the information about the state and/or the property of the relevant printing forme (01), displayed by the display, results from a comparison of data, wherein data provided by a control unit (39) of a production planning system which controls the production in the printing press are compared with data collected in the production line for manufacturing the relevant printing forme (01).

27. The method according to claim 23, characterized in that the display presents its respective information graphically.

28. The method according to claim 23, characterized in that the display presents its respective information by using at least one symbol.

29. The method according to claim 23, characterized in that the display indicates at which position in the relevant location of use a printing forme (01) is already arranged.

30. The method according to claim 23, characterized in that the display indicates which position in the relevant location of use will not be loaded with a printing forme (01) for the pending production run.

31. The method according to claim 23, characterized in that the display indicates at which position in the relevant location of use a non-printing printing forme (01) is to be arranged.

32. The method according to claim 23, characterized in that the display indicates whether a set of printing formes (01) required for a specific forme cylinder (06) is complete.

33. The method according to claim 23, characterized in that the display indicates for which printing unit (44; 44.1; 44.2), each comprising multiple forme cylinders (06) or printing forme magazines (09), in a printing system comprising multiple printing units (44; 44.1; 44.2) at least one set of printing formes (01) is complete, and/or which of the multiple sets of printing formes (01) to be arranged in a specific one of the printing units (44; 44.1; 44.2) has been manufactured and is ready for use.

34. The method according to claim 23, characterized in that the display displays simultaneously multiple different production runs to be executed sequentially in the same printing press, with a plurality of locations of use, assigned to said production runs, for the printing formes (01) that are required for the respective production runs.

35. The method according to claim 23, characterized in that information is provided with the help of a communications system (41), which connects the display device (52) to the respective control units of various other devices (33; 34; 38; 39; 42; 51; 57), enabling them to share data with one another.

36. The method according to claim 23, characterized in that the display is provided in an area in which a collection container (43) receives the printing formes (01) relating to a specific forme cylinder (06) or a specific printing forme magazine (09), prior to the transport of said formes to the relevant forme cylinder (06) or printing forme magazine (09).

37. The method according to claim 36, characterized in that the collection container (43) for transporting at least one printing forme (01) provides data to the display device (52), via the communications system (41), said data relating at least to the position currently occupied by the relevant printing forme (01) on its transport path to the printing press.

38. The method according to claim 23, characterized in that the display is provided at a control center (42) belonging to the printing press or in another machine unit belonging to the printing press.

39. A device for providing information about printing formes to be manufactured for a new production run of a printing press, comprising a display device (52), wherein a display of the display device (52) visualizes a use of at least one of said printing formes (01) at its location of use in the printing press, wherein at the location of use of the relevant printing forme (01) a plurality of different positions are provided, wherein each of said positions is embodied as one of multiple mounting positions on a forme cylinder (06) having the multiple mounting positions and arranged in the printing press, or as one of multiple storage positions in one of multiple chutes having the relevant storage position, said chutes being disposed in a printing forme magazine (09) assigned to one of the forme cylinders (06) in the printing press, wherein the display of the display device (52) displays simultaneously a plurality of different locations of use in the printing press, wherein the display indicates at which of the positions of a specific location of use having multiple positions a printing forme (01) is to be provided, characterized in that the display also displays different states and/or properties relating to at least one printing forme (01) to be manufactured.

40. The device according to claim 39, characterized in that the display device (52) is connected via a communications system (41) to the respective control units of various other devices (33; 34; 38; 39; 42; 51; 57) for the purpose of data sharing.

41. The device according to claim 39, characterized in that the at least one printing forme (01) to be transported to a specific forme cylinder (06) or to a specific printing forme magazine (09) of the printing press is arranged in a mobile collection container (43).

42. The device according to claim 41, characterized in that the collection container (43) for transporting the at least one printing forme (01) provides data to the display device (52), via the communications system (41), said data relating at least to the position currently occupied by the relevant printing forme (01) on its transport path to the printing press.

43. The device according to claim 39, characterized in that the display of the display device (52) is arranged in a control center (42) belonging to the printing press or in another machine unit belonging to the printing press.

44. The device according to claim 39, characterized in that the display of the display device (52) is arranged in a printing unit (44; 44.1; 44.2) belonging to the printing press.

45. A method for providing information about printing formes to be manufactured for a new production run of a printing press, in which a use of at least one of said printing formes (01) at its location of use in the printing press is visualized in a

display of a display device (52), wherein a plurality of different positions exist at the location of use of the relevant printing forme (01), wherein each of said positions relates to one of multiple mounting positions on a forme cylinder (06) having the multiple mounting positions and arranged in the printing press, or to one of multiple storage positions in one of multiple chutes having the relevant storage position, said chutes being disposed in a printing forme magazine (09) assigned to one of the forme cylinders (06) in the printing press, wherein the display of the display device (52) displays simultaneously a plurality of different locations of use in the printing press, wherein the display displays at which of the positions of a specific location of use having multiple positions a printing forme (01) is to be provided, characterized in that the display additionally displays a position currently occupied by at least one printing forme (01), which has been or will be manufactured, on its transport path to the printing press.

46. The method according to claim 45, characterized in that the states and/or properties displayed by the display indicate whether a specific printing forme (01) is currently located in a production line for manufacturing printing formes (01) to be provided for the new production run.

47. The method according to claim 45, characterized in that the states and/or properties displayed by the display indicate whether a specific printing forme (01) is currently located in a plate exposure device (33) belonging to the production line, or in a developing unit (36), or in a bending unit (38), or in a storage device (51).

48. The method according to claim 45, characterized in that the information about the state and/or the property of the relevant printing forme (01), displayed by the

display, results from a comparison of data, wherein data provided by a control unit (39) of a production planning system which controls the production in the printing press are compared with data collected in the production line for manufacturing the relevant printing forme (01).

49. The method according to claim 45, characterized in that the display presents its respective information graphically.

50. The method according to claim 45, characterized in that the display presents its respective information by using at least one symbol.

51. The method according to claim 45, characterized in that the display indicates at which position in the relevant location of use a printing forme (01) is already arranged.

52. The method according to claim 45, characterized in that the display indicates to which position in the planned location of use a manufactured printing forme (01), which is ready for use but still separate from its location of use, is assigned.

53. The method according to claim 45, characterized in that the display indicates which position in the relevant location of use will not be loaded with a printing forme (01) for the pending production run.

54. The method according to claim 45, characterized in that the display indicates at which position in the relevant location of use a non-printing printing forme (01) will be arranged.

55. The method according to claim 45, characterized in that the display indicates

whether a set of printing formes (01) required for a specific forme cylinder (06) is complete.

56. The method according to claim 45, characterized in that the display indicates for which printing unit (44; 44.1; 44.2), each comprising multiple forme cylinders (06) or printing forme magazines (09), in a printing system comprising multiple printing units (44; 44.1; 44.2) at least one set of printing formes (01) is complete, and/or which of the multiple sets of printing formes (01) to be arranged in a specific one of the printing units (44; 44.1; 44.2) has been manufactured and is ready for use.

57. The method according to claim 45, characterized in that the display displays simultaneously multiple different production runs to be executed sequentially in the same printing press, with a plurality of locations of use, assigned to said production runs, for the printing formes (01) that are required for the respective production runs.

58. The method according to claim 45, characterized in that information is provided with the help of a communications system (41), which connects the display device (52) to the respective control units of various other devices (33; 34; 38; 39; 42; 51; 57), enabling them to share data with one another.

59. The method according to claim 45, characterized in that the display is provided in an area in which a collection container (43) receives the printing formes (01) relating to a specific forme cylinder (06) or a specific printing forme magazine (09), prior to the transport of said formes to the relevant forme cylinder (06) or printing forme magazine (09).

60. The method according to claim 59, characterized in that the collection container (43) for transporting the at least one printing forme (01) provides data to the display device (52), via the communications system (41), said data relating at least to the position currently occupied by the relevant printing forme (01) on its transport path to the printing press.

61. The method according to claim 45, characterized in that the display is provided at a control center (42) belonging to the printing press or in another machine unit belonging to the printing press.

62. A device for providing information about printing formes to be manufactured for a new production run of a printing press, comprising a display device (52), wherein a display of the display device (52) visualizes a use of at least one of said printing formes (01) at its location of use in the printing press, wherein at the location of use of the relevant printing forme (01) a plurality of different positions are provided, wherein each of said positions is embodied as one of multiple mounting positions on a forme cylinder (06) having the multiple mounting positions and arranged in the printing press, or as one of multiple storage positions in one of multiple chutes having the relevant storage position, said chutes being disposed in a printing forme magazine (09) assigned to one of the forme cylinders (06) in the printing press, wherein the display of the display device (52) displays simultaneously a plurality of different locations of use in the printing press, wherein the display indicates at which of the positions of a specific location of use having multiple positions a printing forme (01) is to be provided, characterized in that the display also displays a position currently occupied by at least one printing forme (01), which has been or will be manufactured, on its transport path to the printing press.

63. The device according to claim 62, characterized in that the display device (52) is connected via a communications system (41) to the respective control units of various other devices (33; 34; 38; 39; 42; 51; 57) for the purpose of data sharing.

64. The device according to claim 62, characterized in that the at least one printing forme (01) to be transported to a specific forme cylinder (06) or to a specific printing forme magazine (09) of the printing press is arranged in a mobile collection container (43).

65. The device according to claim 64, characterized in that the collection container (43) for transporting the at least one printing forme (01) provides data to the display device (52), via the communications system (41), said data relating at least to the position currently occupied by the relevant printing forme (01) on its transport path to the printing press.

66. The device according to claim 62, characterized in that the display of the display device (52) is arranged in a control center (42) belonging to the printing press or in another machine unit belonging to the printing press.

67. The device according to claim 62, characterized in that the display of the display device (52) is arranged in a printing unit (44; 44.1; 44.2) belonging to the printing press.

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OFFICE OF PETITIONS

In re Application of
Andrian Helmut Alt-Steiner et al.
Application No.: 13/298,441
Filed: November 17, 2011
Attorney Docket No.: JTC-7988-02
For: METHOD AND APPARATUS FOR PROVIDING INFORMATION . . . PRESS

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the PCT Patent Prosecution Highway (PCT-PPH) pilot program and the petition under 37 CFR 1.102(a), filed on November 17, 2011, to make the above-identified application special.

The request and petition are **DISMISSED**.

Discussion

A grantable request to participate in the PCT-PPH pilot program and petition to make special require:

(1) The U.S. application must have an eligible relationship to one or more PCT applications where the ISA or IPEA are the JPO, EPO, KIPO, IPAU, SIPO, Russia, Spain, Finland, Austria, or USPTO;

(2) At least one claim in the PCT application has novelty, inventive step, and industrial applicability and must be free of any observations in Box VIII in the latest work product in the international stage or applicant must identify and explain why the claim(s) is/are not subject to the observation in Box VIII;

(3) Applicant must submit a copy of the claim(s) from the PCT application(s) that have novelty, inventive step, and industrial applicability along with an English translation thereof and a statement that the English translation is accurate, if the claims are not in the English language;

(4) All the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the claim(s) that have novelty, inventive step, and industrial applicability in the PCT application(s);

(5) Examination of the U.S. application has not begun;

(6) Applicant must submit a copy of the latest international work product from the PCT application indicating that the claim(s) have novelty, inventive step, and industrial applicability along with an English translation thereof.

(7) Applicant must submit an IDS listing the documents cited by the PCT examiner in the international work product along with copies of documents except U.S. patents or U.S. patent application publications.

(8) Applicant is required to submit a claims correspondence table in English which indicates how all the claims in the U.S. application correspond to the claims indicated as having novelty, inventive step and industrial applicability in the latest international work product.

Requirements (1-6), and (8) above are considered to have been met. However, the request to participate in the PPH pilot program and petition fail to meet requirement (6).

Regarding requirement (7), supplemental IDS should be filed which lists all documents cited by the PCT examiner in the international work product. If these documents have not been previously filed then copies should be submitted as well.

Applicant states that the documents listed on the IDS filed November 17, 2011, were located in parent application 12/737,779. These documents could not be found, using the document names and numbers provided on the IDS filed November 17, 2011.

Applicant is given **ONE** opportunity within a time period of **ONE MONTH or THIRTY DAYS**, whichever is longer, from the mailing date of this decision to correct the deficiencies. **NO EXTENSION OF TIME UNDER 37 CFR 1.136 IS PERMITTED.** If the deficiencies are not corrected with the time period given, the application will await action in its regular turn.

Response must be filed via the Electronic Filing System (EFS) using the document description: Petition to make special under PCT – Patent Pros Hwy. Any preliminary amendments and IDS submitted with the PPH documents must be separately indexed as a preliminary amendment and IDS, respectively.

Telephone inquiries concerning this decision should be directed to Kimberly Inabinet at 571-272-4618.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc/index.html.

David Bucci
Petitions Examiner
Office of Petitions

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In re Application of
Edward O. Taylor

Application No. 13298933

Filed:

Attorney Docket No. 17389-00013

:
:
:DECISION ON PETITION TO MAKE SPECIAL
:UNDER 37 CFR 1.102(c)(1)
:

This is a decision on the electronic petition under 37 CFR 1.102 (c)(1), filed 17-NOV-2011 to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1), MPEP § 708.02, Section IV: Applicant's Age must include a statement by applicant or a registered practitioner having evidence that applicant is at least 65 years of age. No fee is required.

Accordingly, the above-identified application has been accorded "special" status and will be taken up for action by the examiner upon the completion of all pre-examination processing.

Telephone inquiries concerning this electronic decision should be directed to the Electronic Business Center at 866-217-9197.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

Doc code : PET.OP.AGE
Description : Petition to make special based on Age/Health

PTO/SB/130 (07-09)
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PETITION TO MAKE SPECIAL BASED ON AGE FOR ADVANCEMENT OF EXAMINATION UNDER 37 CFR 1.102(c)(1)

Application Information

Application Number	13/298,933	Confirmation Number	4821	Filing Date	2011-11-17
Attorney Docket Number (optional)	17389-00013	Art Unit		Examiner	Not Yet Assigned
First Named Inventor	Edward O. Taylor				
Title of Invention	APPARATUSES AND METHODS FOR REDUCING POLLUTANTS IN GAS STREAMS				

Attention: Office of Petitions
An application may be made special for advancement of examination upon filing of a petition showing that the applicant is 65 years of age, or more. No fee is required with such a petition. See 37 CFR 1.102(c)(1) and MPEP 708.02 (IV).

APPLICANT HEREBY PETITIONS TO MAKE SPECIAL FOR ADVANCEMENT OF EXAMINATION IN THIS APPLICATION UNDER 37 CFR 1.102(c)(1) and MPEP 708.02 (IV) ON THE BASIS OF THE APPLICANT'S AGE.

A grantable petition requires one of the following items:
(1) Statement by one named inventor in the application that he/she is 65 years of age, or more; or
(2) Certification by a registered attorney/agent having evidence such as a birth certificate, passport, driver's license, etc. showing one named inventor in the application is 65 years of age, or more.

Name of Inventor who is 65 years of age, or older

Given Name	Middle Name	Family Name	Suffix
Edward	O.	Taylor	

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 10.18. Please see 37 CFR 1.4(d) for the format of the signature.

Select (1) or (2) :

○ (1) I am an inventor in this application and I am 65 years of age, or more.

◉ (2) I am an attorney or agent registered to practice before the Patent and Trademark Office, and I certify that I am in possession of evidence, and will retain such in the application file record, showing that the inventor listed above is 65 years of age, or more.

Signature	/Tamika A. Crawl-Bey/	Date (YYYY-MM-DD)	2011-11-17
Name	Tamika A. Crawl-Bey	Registration Number	63862

PTO/SB/130 (07-09)
Approved for use through 07/31/2012. OMB 0651- 0031
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Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Fr eedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about indivi duals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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DEC 14 2011
OFFICE OF PETITIONS

HARVEY LUNENFELD
8 PATRICIAN DRIVE
E. NORTHPORT, NY 11731

In re Application of
Harvey Lunenfeld
Application No. 13/299,011
Filed: November 17, 2011
Attorney Docket No. Metasearch Queries Order 2

DECISION ON PETITION
TO MAKE SPECIAL UNDER
37 CFR 1.102(c)(1)

This is a decision on the petition under 37 CFR 1.102(c)(1), filed November 17, 2011, to make the above-identified application special based on applicant's age as set forth in M.P.E.P. § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement signed by applicant. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to undersigned at 571-272-1642.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being referred back to the Office of Patent Application Processing for pre-examination processing. This application will be accorded "special" status once pre-examination processing is complete.

/AMW/
April M. Wise
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number: 1366-0050USC1G	Application Number (if known):	Filing date: 2011-11-17

First Named Inventor: Emanuel M. Sachs

Title: METHODS FOR EFFICIENTLY MAKING THIN SEMICONDUCTOR BODIES FROM MOLTEN MATERIAL FOR SOLAR CELLS AND THE LIKE

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments: Statement of Special Status Eligibility for Green Tech Program [3 above]

Signature /Steven J. Weissburg/	Date 2011-11-17
Name (Print/Typed) Steven J. Weissburg	Registration Number 31581

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms for more than one signature, see below*.*

■ *Total of 1 forms are submitted.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Instruction Sheet for
Petition to Make Special Under the Green Technology Pilot Program

(Not to be Submitted to the USPTO)

The following is a summary of the requirements (for more information see the notices (i) "Pilot Program for Green Technologies Including Greenhouse Gas Reduction," (ii) "Elimination of Classification Requirement in the Green Technology Pilot Program," and (iii) "Expansion and Extension of the Green Technology Pilot Program," available on the USPTO web site at http://www.uspto.gov/patents/init_events/green_tech.jsp):

(1) The application must be a non-reissue, non-provisional utility application filed under 35 U.S.C. 111(a), or an international application that has entered the national stage in compliance with 35 U.S.C. 371, irrespective of the filing date of the application. Reexamination proceedings are excluded from this pilot program.

(2) The application must contain three or fewer independent claims and twenty or fewer total claims. The application must not contain any multiple dependent claims. For an application that contains more than three independent claims or twenty total claims, or multiple dependent claims, applicant must file a preliminary amendment in compliance with 37 CFR 1.121 to cancel the excess claims and/or the multiple dependent claims at the time the petition to make special is filed.

(3) The claims must be directed to a single invention that materially enhances the quality of the environment, or that materially contributes to: (1) the discovery or development of renewable energy resources; (2) the more efficient utilization and conservation of energy resources; or (3) green house gas emission reduction (see the eligibility requirements of sections II and III of the notice (i) cited above). The petition must include a statement that, if the USPTO determines that the claims are directed to multiple inventions (e.g., in a restriction requirement), applicant will agree to make an election without traverse in a telephonic interview, and elect an invention that meets the eligibility requirements in section II or III of the notice (i) cited above.

(4) The petition to make special must be timely filed electronically using the USPTO electronic filing system, EFS-Web, and selecting the document description of "Petition for Green Tech Pilot" on the EFS-Web screen. Applicant should use form PTO/SB/420, which is available as a Portable Document Format (PDF) fillable form in EFS-Web and on the USPTO Web site.

(5) The petition to make special must be filed at least one day prior to the date that a first Office action (which may be an Office action containing only a restriction requirement) appears in the Patent Application Information Retrieval (PAIR) system. Applicant may check the status of the application using PAIR.

(6) The petition to make special must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d).

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (*i.e.*, GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/299,031	11/17/2011	Emanuel M. Sachs	1366-0050USC1G	1801

21403 7590 12/23/2011

STEVEN J WEISSBURG
51 FROST ST.
CAMBRIDGE, MA 02140

EXAMINER	
KUNEMUND, ROBERT M	

ART UNIT	PAPER NUMBER
1714	

MAIL DATE	DELIVERY MODE
12/23/2011	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

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12/23/2011

STEVEN J WEISSBURG
51 FROST ST.
CAMBRIDGE MA 02140

In re Application of	:	
Emanuel M. Sachs et al.	:	DECISION ON PETITION
Application No. 13/299,031	:	TO MAKE SPECIAL UNDER
Filed: November 17, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 1366-0050USC1G	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed November 17, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010), 75 Federal Register Notice 69049 (November 10, 2010) and 76 Federal Register Notice 77979 (December 15, 2011).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Blaine Copenheaver at 571-272-1156.

The application is being forwarded to the examiner for action on the merits commensurate with this decision.

/Blaine Copenheaver/

Blaine Copenheaver
Quality Assurance Specialist
Technology Center 1700

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SEED INTELLECTUAL PROPERTY LAW GROUP PLLC
701 FIFTH AVENUE, SUITE 5400
SEATTLE WA 98104

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OFFICE OF PETITIONS

In re Application of:
Imamura et al.
Application No. 13/299,249
Filed: November 17, 2011
Attorney Docket No. 733156.424C1

: DECISION ON REQUEST TO
: PARTICIPATE IN THE PATENT
: PROSECUTION HIGHWAY
: PROGRAM AND PETITION
: TO MAKE SPECIAL UNDER
: 37 CFR 1.102(a)

This is a decision on the request to participate in the Patent Prosecution Highway (PPH) program and the petition under 37 CFR 1.102(a), filed November 18, 2011, to make the above-identified application special.

The request and petition are **GRANTED**.

Discussion

A grantable request to participate in the PPH pilot program and petition to make special require:

1. The U.S. application is

   a. a Paris Convention application which either
      i. validly claims priority under 35 U.S.C. 119(a) and 37 CFR 1.55 to one or more applications filed in the JPO, or
      ii. validly claims priority to a PCT application that contains no priority claims, or
   b. a national stage application under the PCT (an application which entered the national stage in the U.S. from a PCT international application after compliance with 35 U.S.C. 371), which PCT application
      i. validly claims priority to an application filed in the JPO, or
      ii. validly claims priority to a PCT application that contains no priority claims, or
      iii. contains no priority claim, or
   c. a so-called bypass application filed under 35 U.S.C. 111(a) which validly claims benefit under 35 U.S.C. 120 to a PCT application, which PCT application
      i. validly claims priority to an application filed in the JPO, or
      ii. validly claims priority to a PCT application that contains no priority claims, or
      iii. contains no priority claim;

2. Applicant must submit a copy of:
    a. The allowable/patentable claim(s) from the JPO application(s);
    b. An English translation of the allowable/patentable claim(s) and
    c. A statement that the English translation is accurate; (if the claims were published in a language other than English);
3. Applicant must:
    a. Ensure all the claims in the U.S. application must sufficiently correspond or be amended to sufficiently correspond to the allowable/patentable claim(s) in the JPO application(s) and
    b. Submit a claims correspondence table in English;
4. Examination of the U.S. application has not begun;
5. Applicant must submit:
    a. A copy of all the office actions (which are relevant to patentability), excluding "Decision to Grant a Patent" from each of the JPO application(s) containing the allowable/patentable claim(s);
    b. An English language translation of the JPO office action; and
    c. A statement that the English translation is accurate (if the office actions are not in the English language);
6. Applicant must submit:
    d. An IDS listing the documents cited by the JPO examiner in the JPO office action (unless already submitted in this application)
    e. Copies of the documents cited in the JPO office action, except U.S. patents or U.S. patent application publications (unless already submitted in this application);

The request to participate in the PPH pilot program and petition comply with the above requirements. Accordingly, the above-identified application has been accorded "special" status.

Inquiries concerning this decision should be directed to Joan Olszewski at 571-272-7751.

All other inquiries concerning the examination or status of the application is accessible in the PAIR system at http://www.uspto.gov/ebc.index.html.

This application will be forwarded to the examiner for action on the merits commensurate with this decision once this application's formality reviews have been completed.

/dab/
David Bucci
Petitions Examiner
Office of Petitions

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200 PUBLIC SQUARE
SUITE 2300
CLEVELAND OH 44114-2378

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DEC 02 2011
OFFICE OF PETITIONS

In re Application of :
Robert C. Yeggy et al. :
Application No. 13/299,523 : DECISION ON PETITION
Filed: November 18, 2011 : TO MAKE SPECIAL UNDER
Attorney Docket No. **29790-59** : 37 CFR 1.102(c)(1)
:

This is a decision on the petition under 37 CFR 1.102(c)(1), filed November 21, 2011, to make the above-identified application special based on applicant's age as set forth in MPEP § 708.02, Section IV.

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102(c)(1) and MPEP § 708.02, Section IV: Applicant's Age must be accompanied by evidence showing that at least one of the applicants is 65 years of age, or more, such as a birth certificate or a statement by applicant. No fee is required

The instant petition includes a statement by a registered attorney. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquiries concerning this decision should be directed to JoAnne Burke at 571-272-4584.

All other inquiries concerning either the examination or status of the application should be directed to the Technology Center.

The application is being forwarded to the Office of Patent Application Processing (OPAP) for action on the merits commensurate with this decision.

/JoAnne Burke/
JoAnne Burke
Petitions Examiner
Office of Petitions

Doc Code: PET.GREEN
Document Description: Petition for Green Tech Pilot

PTO/SB/420 (03-11)

PETITION TO MAKE SPECIAL UNDER THE GREEN TECHNOLOGY PILOT PROGRAM

Attorney Docket Number:	2204819.00123US24	Application Number (if known):	Not Yet Assigned	Filing date: Concurrently Herewith
First Named Inventor:	Aniket KALE			
Title:	SELECTIVE EXTRACTION OF GLUTELIN PROTEINS FROM FRESHWATER OR SALTWATER ALGAE			

APPLICANT HEREBY REQUESTS TO PARTICIPATE IN THE GREEN TECHNOLOGY PILOT PROGRAM FOR THE ABOVE-IDENTIFIED APPLICATION. See Instruction Sheet on page 2.

This petition must be timely filed electronically using the USPTO electronic filing system, EFS-Web.

1. By filing this petition:

   Applicant is requesting early publication: Applicant hereby requests early publication under 37 CFR 1.219 and the publication fee set forth in 37 CFR 1.18(d) accompanies this request.

2. By filing this petition: applicant is agreeing to make an election without traverse in a telephonic interview and elect an invention that meets the eligibility requirements for the Green Technology Pilot Program, if the Office determines that the claims are not obviously directed to a single invention. See Instruction Sheet.

3. This request is accompanied by statements of special status for the eligibility requirement.

4. The application contains no more than three (3) independent claims and twenty (20) total claims.

5. The application does not contain any multiple dependent claims.

6. Other attachments:

Signature	/Nishat A. Shaikh/	Date	November 18, 2011
Name (Print/Typed)	Nishat Shaikh	Registration Number	66,183

Note: *Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature. If necessary, submit multiple forms if more than one signature, see below*.*

☐ *Total of _____ forms are submitted.

Docket No.: 2204819.123US24
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	KALE, Aniket	Confirmation No.:	TBD
Application No.:	TBD	Art Unit:	TBD
Filed:	November 18, 2011	Examiner:	TBD
Title:	SELECTIVE EXTRACTION OF GLUTELIN PROTEINS FROM FRESHWATER OR SALTWATER ALGAE		

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Statements of Special Status for the Eligibility Requirement

for the Green Technology Pilot Program

Dear Sir:

Applicants herewith file a Petition to Make Special Under the Green Technology Pilot Program (PTO/SB/420). Applicants respectfully submit that the claimed invention materially contributes to the discovery or development of renewable energy resources, to greenhouse gas reduction and improvement of environmental quality by providing, in at least one embodiment, methods for selective extraction and fractionation of algal proteins from a freshwater or saltwater algal biomass or algal culture. In preferred embodiments, the lipid products that remain in the biomass after selective protein extraction can be processed to generate biofuels, a source of renewable energy. Algal cultures remove carbon dioxide from the atmosphere while creating carbon chains that can be processed to make biofuels. In at least one embodiment, the carbon dioxide provided to the algae is industrial waste. Its use to feed algae reduces levels of a major greenhouse gas and improves environmental quality. Furthermore, the proteins of the instant invention can be used as renewable sources of dietary protein for humans as well as in animal feedstocks. As the present invention is directed towards single and multistep extraction processes

which allow for efficient separation of algal proteins, the claimed invention should be classified under Art Unit 1771, 1772, or 1782.

Applicants enclose herewith the publication fee of $300, pursuant to 37 CFR 1.18(d). No other fees are believed due with this submission, however the Director is hereby authorized to charge any additional fees or apply any overages to our Deposit Account No. 08-0219, under Order No. 2204819.00123US24, from which the undersigned is authorized to draw.

Applicants respectfully request the grant of the Petition filed herewith and a favorable and prompt decision regarding the present application. The Examiner is invited to telephone the undersigned at (617) 526-6613 if a phone conference may help advance prosecution.

Respectfully submitted,

Dated: November 18, 2011

/Nishat A. Shaikh/
Nishat A. Shaikh
Registration No.: 66,183
Attorney for Applicant(s)

Wilmer Cutler Pickering Hale and Dorr LLP
60 State Street
Boston, Massachusetts 02109
(617) 526-6000 (telephone)
(617) 526-5000 (facsimile)

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
13/299,887	11/18/2011	Aniket Kale	2204819.00123US24	1238

23483 7590 12/16/2011
WILMERHALE/BOSTON
60 STATE STREET
BOSTON, MA 02109

EXAMINER	
LEE, JAE W	

ART UNIT	PAPER NUMBER
1656	

NOTIFICATION DATE	DELIVERY MODE
12/16/2011	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

teresa.carvalho@wilmerhale.com
whipusptopairs@wilmerhale.com

UNITED STATES PATENT AND TRADEMARK OFFICE

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DEC 16 2011

WILMERHALE/BOSTON
60 STATE STREET
BOSTON MA 02109

In re Application of :

KALE, Aniket *et al.*	:	DECISION ON PETITION
Application No. 13/299887	:	TO MAKE SPECIAL UNDER
Filed: November 18, 2011	:	THE GREEN TECHNOLOGY
Attorney Docket No. 2204819.00123US24	:	PILOT PROGRAM

This is a decision on the petition under 37 CFR 1.102, filed November 18, 2011, to make the above-identified application special under the pilot program for applications pertaining to Green Technologies as set forth in 74 Federal Register Notice 64666 (December 8, 2009) and amended by 75 Federal Register Notice 28554 (May 21, 2010) and 75 Federal Register Notice 69049 (November 10, 2010).

The petition is **GRANTED**.

A grantable petition to make an application special under 37 CFR 1.102 and the pilot program as set forth in 74 FR 64666 must be directed to a nonprovisional application filed under 35 USC 111(a) or be a national stage entry under 35 USC 371, exclusive of any reissue applications.

In order to qualify for special status, the following requirements must be met. 1) The application must have no more than 3 independent claims and no more than 20 total claims. 2) The application must not contain any multiple dependent claims. 3) The petition must state the basis for seeking special status, i.e., the claimed invention either: A) materially enhances the quality of the environment or B) materially contributes to: i) the discovery or development of renewable energy resources, ii) the more efficient utilization and conservation of energy resources, or iii) greenhouse gas emission reduction. 4) If the disclosure is not clear on its face that the claimed invention materially contributes under category (A) or (B), the petition must be accompanied by a statement by the applicant, assignee, or an attorney/agent registered to practice before the Office explaining how the materiality standard is met. 5) A statement that applicant will agree to make an election without traverse in a telephonic interview if a restriction requirement is made by the examiner. 6) The petition to make special must be filed electronically. 7) The petition must be filed at least one day prior to the date that a first Office Action appears in the Patent Application Information Retrieval (PAIR) system. 8) The petition must be accompanied by a request for early publication in compliance with 37 CFR 1.219 and include the publication fee as set forth in 37 CFR 1.18(d).

The requirement for a fee for consideration of the petition to make special for applications pertaining to Green Technologies has been waived.

The instant petition complies with items 1 – 8 above. Accordingly, the above-identified application has been accorded "special" status.

Telephone inquires concerning this decision should be directed to Manjunath Rao at 571-272-0939.

The application is being forwarded to the Technology Center Art Unit 1656 for action on the merits commensurate with this decision.

/Manjunath Rao/

Manjunath Rao
Supervisory Patent Examiner &
POC for TC 1600 Green Tech Petitions
Technology Center 1600