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FORM PTO-1619A  
Expires 06/30/09  
OMB 0651-0027

U.S. PTO  
12/931314  
01/27/2011

U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

02/09/2011



103617334

RECORDATION FORM (C)  
PATENTS (C)

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

Conveyance Type

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1)  Execution Date Month Day Year

Name (line 2)

**Second Party**

Name (line 1)  Execution Date Month Day Year

Name (line 2)

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1)   If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)     
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

FOR OFFICE USE ONLY

02/01/2011 SNEH003 08080013 12931314

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20531 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet to: **055617334 FRAME: 0584**

**PATENT**  
**REEL: 055614 FRAME: 0931**

**Correspondent Name and Address**

Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

**Pages**

Enter the total number of pages of the attached conveyance document including any attachments. #

**Application Number(s) or Patent Number(s)**

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

**Patent Application Number(s)**

**Patent Number(s)**

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

**Number of Properties**

Enter the total number of properties involved. #

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed  Deposit Account

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes  No

**Statement and Signature**

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Charges to deposit account are authorized, as indicated herein.

Bradley P. Heisler

1-27-11

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Lopez, Javier

Execution Date  
Month Day Year  
01262011

Name (line 2)

Name (line 1) Yang, James

Execution Date  
Month Day Year  
01262011

Name (line 2)

Name (line 1)

Execution Date  
Month Day Year

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)  
City State/Country Zip Code

Name (line 1)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)  
City State/Country Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)



**UNITED STATES PATENT AND TRADEMARK OFFICE**

Patent No. : 8,496,738  
Issue Date : July 30, 2013  
Application No.: 12/931,314  
Filed : January 27, 2011  
  
Docket No. : 10012.001

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

**DECLARATION IN SUPPORT OF RECORDATION OF  
CORRECTED ASSIGNMENT DOCUMENT**

I, Bradley P. Heisler, declare as follows:

1. I am the attorney of record for the above-identified patent and have firsthand knowledge of the facts which led to the recordation of assignment documents with a typographical error therein, and of other facts asserted herein.

2. Assignment documents were submitted with the patent application which later issued as the above-identified patent. These assignment documents included a typographical error, identifying the Assignee as a corporation, with the abbreviation "Inc." following the assignee name, when in fact, the Assignee was a limited liability company, and should have had the abbreviation "LLC" following the Assignee name.

3. Attached to this Declaration are corrected assignment documents which strikethrough the incorrect "Inc." and insert the correct "LLC" following the identification of the Assignee. These corrected assignment documents include

assignment of invention documents signed by the inventors, as well as assignment coversheet documents which were originally submitted and which included the same typographical error.

I hereby 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; and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. §1001, and that such willful false statements may jeopardize the validity of the patent.

Respectfully Submitted:

/Bradley P. Heisler/

03/16/2021

\_\_\_\_\_  
Bradley P. Heisler  
Assignee's Attorney  
Telephone (916) 781-6634  
Registration No.: 35,892

\_\_\_\_\_  
Date

## ASSIGNMENT

I, Tarik Naheiri, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to the undersigned, agree to assign, and hereby do assign, transfer and set over to Pacific Consolidated Industries, ~~Inc.~~<sup>LLC</sup> whose address is 12201 Magnolia Avenue, Riverside, CA 92503, the entire right, title and interest in and to the invention known as: NITROGEN AND OXYGEN SEPARATION USING VACUUM SWING ADSORPTION, for which an application for patent in the United States Patent and Trademark Office has been executed by signing of the declaration on the 26 day of January, 2011.

1) The undersigned hereby authorizes Attorney, Bradley P. Heisler, of 3017 Douglas Boulevard, Suite 300, Roseville, CA 95661, to insert here in parentheses (Application Number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

2) The undersigned agrees to execute all papers necessary in connection with each application to protect the invention, and any continuing or divisional applications thereof, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

3) The undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application relating to the invention, or any continuation or division thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with any such interference.

4) The undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

5) The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks, and all equivalent foreign officials, to assign any and all Letters Patent resulting from said application or any divisions or continuing applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenant that Assignor has full right to convey the entire interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith.

6) The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of valid patents to the Assignee relating to the invention.

7) The undersigned hereby grants the Assignee and its duly authorized representatives the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, and any equivalent foreign office, for recordation of this document.

Date Jan 26, 2011 Name of Inventor Tarik Naheiri  
Tarik Naheiri



**ASSIGNMENT**

I, Steve Schellhase, in consideration of the sum of <sup>100</sup>one dollar (\$100) and other good and valuable consideration paid to the undersigned, agree to assign, and hereby do assign, transfer and set over to Pacific Consolidated Industries, Inc. whose address is 12201 Magnolia Avenue, Riverside, CA 92503, the entire right, title and interest in and to the invention known as: NITROGEN AND OXYGEN SEPARATION USING VACUUM SWING ADSORPTION, for which an application for patent in the United States Patent and Trademark Office has been executed by signing of the declaration on the 25 day of JANUARY, 2011.

1) The undersigned hereby authorizes Attorney, Bradley P. Heisler, of 3017 Douglas Boulevard, Suite 300, Roseville, CA 95661, to insert here in parentheses (Application Number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known

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6) The undersigned agrees to perform all affirmative acts which may be necessary to obtain a grant of valid patents to the Assignee relating to the invention.

7) The undersigned hereby grants the Assignee and its duly authorized representatives the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office, and any equivalent foreign office, for recordation of this document.

Date 1/25/2011 Name of Inventor   
Steve Schellhase

## ASSIGNMENT

I, Javier Lopez, in consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to the undersigned, agree to assign, and hereby do assign, transfer and set over to Pacific Consolidated Industries, Inc. whose address is 12201 Magnolia Avenue, Riverside, CA 92503, the entire right, title and interest in and to the invention known as: NITROGEN AND OXYGEN SEPARATION USING VACUUM SWING ADSORPTION, for which an application for patent in the United States Patent and Trademark Office has been executed by signing of the declaration on the 26 day of January, 2011.

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Date 1-26-2011 Name of Inventor \_\_\_\_\_

  
Javier Lopez

Assignment, Page 1 of 1

**PATENT**  
**REEL: 025782 FRAME: 0589**

**PATENT**  
**REEL: 055614 FRAME: 0938**

ASSIGNMENT

I, James Yang, in consideration of the <sup>LLC</sup> sum of one dollar (\$1.00) and other good and valuable consideration paid to the undersigned, agree to assign, and hereby do assign, transfer and set over to Pacific Consolidated Industries, Inc. whose address is 12201 Magnolia Avenue, Riverside, CA 92503, the entire right, title and interest in and to the invention known as: NITROGEN AND OXYGEN SEPARATION USING VACUUM SWING ADSORPTION, for which an application for patent in the United States Patent and Trademark Office has been executed by signing of the declaration on the \_\_\_\_ day of \_\_\_\_\_, 2011.

1) The undersigned hereby authorizes Attorney, Bradley P. Heisler, of 3017 Douglas Boulevard, Suite 300, Roseville, CA 95661, to insert here in parentheses (Application Number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

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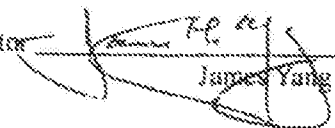
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Date 1/26/11 Name of Inventor   
James Yang