

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Fan Zhang</td> <td>03/28/2013</td> </tr> <tr> <td>Yuehui She</td> <td>03/28/2013</td> </tr> <tr> <td>Dujie Hou</td> <td>03/28/2013</td> </tr> <tr> <td>Lujun Chai</td> <td>03/28/2013</td> </tr> </tbody> </table>		Name	Execution Date	Fan Zhang	03/28/2013	Yuehui She	03/28/2013	Dujie Hou	03/28/2013	Lujun Chai	03/28/2013
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>China University of Geosciences, Beijing</td> </tr> <tr> <td>Street Address:</td> <td>Xueyuan Road 29, Haidian District</td> </tr> <tr> <td>City:</td> <td>Beijing</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>10083</td> </tr> </table>		Name:	China University of Geosciences, Beijing	Street Address:	Xueyuan Road 29, Haidian District	City:	Beijing	State/Country:	CHINA	Postal Code:	10083
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PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13868561</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13868561						
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CORRESPONDENCE DATA											
<p>Fax Number: 4129455933 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 412-471-8815 Email: assignments@webblaw.com</p> <p>Correspondent Name: The Webb Law Firm Address Line 1: One Gateway Center Address Line 2: 420 Ft. Duquesne Blvd., Suite 1200 Address Line 4: Pittsburgh, PENNSYLVANIA 15222</p>											
ATTORNEY DOCKET NUMBER:	5292-130988										
NAME OF SUBMITTER:	Richard L. Byrne										
Signature:	/richard l byrne/										

PATENT

Date:

04/23/2013

Total Attachments: 4

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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Fan ZHANG
Yuehui SHE
Dujie HOU
Lujun CHAI

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 28, 2013

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: CHINA UNIVERSITY OF GEOSCIENCES, BEIJING

Internal Address: _____

Street Address: Xueyuan Road 29

Haidian District, Beijing

City: _____

State: _____

Country: CHINA Zip: 10083

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

13/868,561

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Richard L. Byrne

Internal Address: The Webb Law Firm

Street Address: One Gateway Center
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

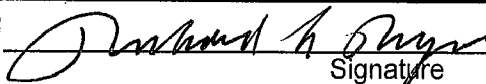
8. Payment Information

a. Credit Card Last 4 Numbers 4775
Expiration Date 05/2015

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:


Signature

April 23, 2013

Date

Richard L. Byrne, Reg. No. 28,498

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

INTERNATIONAL

Application No. _____

Attorney Docket No. 5292-130988

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

METHOD FOR DETECTING THE GENUS OF *BACILLUS* IN SAMPLES FROM OIL RESERVOIRS

(Invention Title)

☐ for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

☐ for which an application for a United States Patent was filed on _____ (mm/dd/yyyy) and bears Application Number _____ (hereinafter "said application").

AND/OR

☐ for which an international patent application was filed under the Patent Cooperation Treaty on _____ (mm/dd/yyyy), bearing Application No. _____ (hereinafter "said application").

AND, WHEREAS, China University of Geosciences, Beijing, a corporation of CHINA, having a place of business at Xueyuan Road 29, Haidian District, Beijing, 10083, CHINA, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request any attorney associated with The Webb Law Firm, Customer No. 28289, to insert here in parentheses (Application No. 13/868,561 filed 4-23-2013) the filing date and application number of said application when known.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me,

INTERNATIONAL

Application No. _____

Attorney Docket No. 5292-130988

testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:

Fan ZHANG

RESIDENCE:

Beijing, CHINA

EXECUTED this 18th day of March, 2013

Fan ZHANG

SIGNATURE

WITNESS:

Yuanyuan Teng

2. FULL NAME OF ASSIGNOR:

Yuehui SHE

RESIDENCE:

Jingzhou, CHINA

EXECUTED this 28th day of March, 2013

Yuehui SHE

SIGNATURE

WITNESS:

Yuanyuan Teng

☒ Checked Box indicates 1 additional page(s) for inventor signatures.

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Page 2 of 3

PATENT

REEL: 030268 FRAME: 0040

INTERNATIONAL
Application No. _____

Attorney Docket No. 5292-130988

3. FULL NAME OF ASSIGNOR:

Dujie HOU

RESIDENCE:

Beijing, CHINA

EXECUTED this 28th day of March, 2013

Dujie, Hou
SIGNATURE

WITNESS:

Yuanquan TENG

4. FULL NAME OF ASSIGNOR:

Lujun CHAI

RESIDENCE:

Beijing, CHINA

EXECUTED this 28th day of March, 2013

Lujun CHAI
SIGNATURE

WITNESS:

Yuanquan TENG