

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jae Hwa Jhin</td> <td>09/17/2009</td> </tr> <tr> <td>Jun Ho Kim</td> <td>09/17/2009</td> </tr> <tr> <td>Min Jun Kim</td> <td>09/17/2009</td> </tr> </tbody> </table>		Name	Execution Date	Jae Hwa Jhin	09/17/2009	Jun Ho Kim	09/17/2009	Min Jun Kim	09/17/2009		
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RECEIVING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Korea Institute of Geoscience and Mineral Resources (KIGAM)</td> </tr> <tr> <td>Street Address:</td> <td>#30, Gajeong-dong, Yuseong-gu</td> </tr> <tr> <td>City:</td> <td>Daejeon</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> <tr> <td>Postal Code:</td> <td>305-350</td> </tr> </table>		Name:	Korea Institute of Geoscience and Mineral Resources (KIGAM)	Street Address:	#30, Gajeong-dong, Yuseong-gu	City:	Daejeon	State/Country:	REPUBLIC OF KOREA	Postal Code:	305-350
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Postal Code:	305-350										
PROPERTY NUMBERS Total: 1											
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Application Number:	12599032										
CORRESPONDENCE DATA											
<p>Fax Number: (412)945-5933 <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, P.C. Address Line 1: 700 KOPPERS BUILDING Address Line 2: 436 SEVENTH AVENUE Address Line 4: PITTSBURGH, PENNSYLVANIA 15219</p>											
ATTORNEY DOCKET NUMBER:	5038-092742										
NAME OF SUBMITTER:	Richard L. Byrne										
<p>Total Attachments: 3 source=RECCOVER#page1.tif</p>											

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PATENT
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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)

Jae Hwa JHIN
Jun Ho KIM
Min Jun KIM

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

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

Execution Date(s) September 17, 2009

- ☒ 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: Korea Institute of Geoscience and Mineral

Internal Address: Resources (KIGAM)

Street Address: #30, Gajeong-dong, Yuseong-gu

Daejeon

City: _____

State: _____

Country: REPUBLIC OF KOREA Zip: 305-350

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)

12/599,032

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: 436 Seventh Avenue
700 Koppers Building

City: Pittsburgh

State: PA Zip: 15219

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) \$ 40.00

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

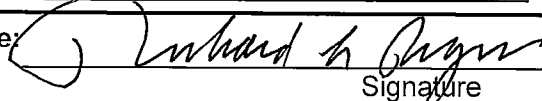
8. Payment Information

a. Credit Card Last 4 Numbers 4775
Expiration Date 05/2012

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature


Signature

November 5, 2009
Date

Richard L. Byrne, Registration No. 28,498
Name of Person Signing

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

3

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

ASSIGNMENT

WHEREAS We,

1. [JHIN, Jae Hwa]
of [#110-1503, Hanul Apt., Sinseong-dong, Yuseong-gu, Daejeon 305-707 Republic of Korea],
2. [KIM, Jun Ho]
of [#102-508, Bipa Apt., Hadang-dong, Mokpo-si, Jeollanam-do, 530-755 Republic of Korea],
3. [KIM, Min Jun]
of [#102, Woobyul Village, #339, Wolpyeong-dong, Seo-gu, Daejeon 302-280 Republic of Korea],

(hereinafter referred to as "ASSIGNORS");
have invented certain new and useful improvements in:

CORE CATCHER AND CORER HAVING IT

which claims priority to [KR] Application No. [10-2007-0109944], filed on [31 October 2007]
for which We are about to file an application for Letters Patent of the United States;

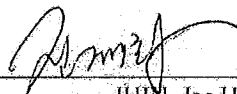
AND WHEREAS, [KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES(KIGAM)] (hereinafter referred to as "ASSIGNEE"), a research institute organized and existing under the laws of the Country of [Republic of Korea], having a place of business at [#30 Gajeong-dong, Yuseong-gu, Daejeon 305-350 Republic of Korea], is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefore;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof.

to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behalf of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were 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 any patent issuing thereon.

Date: September 17, 2009



JHIN, Jae Hwa

Date: September 17, 2009



KIM, Jun Ho

Date: September 17, 2009



KIM, Min Jun

PATENT