

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Min Seuk Kim	05/28/2009
Jong Gwan Ahn	05/28/2009
RECEIVING PARTY DATA	
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
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12489857
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ATTORNEY DOCKET NUMBER:	5038-091407
NAME OF SUBMITTER:	Richard L. Byrne
Total Attachments: 3 source=RECCOVER#page1.tif source=ASSIGN#page1.tif	

OP \$40.00 12489857

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PATENT
REEL: 022862 FRAME: 0871

**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):

Min Seuk KIM
Jong Gwan AHN

2. Name and address of receiving party(ies)

Name: Korea Institute of Geoscience and Mineral
Resources (KIGAM)

Internal Address: _____

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

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

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

Execution Date(s) May 28, 2009

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

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)

12/489,857

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

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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

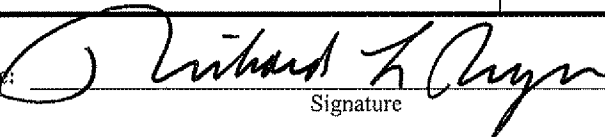
a. Credit Card Last 4 Numbers 4775

Expiration Date 05/2012

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:


Signature

June 23, 2009

Date

Richard L. Byrne, Registration No. 28,498

Name of Person Signing

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

3

ASSIGNMENT

WHEREAS We,

1. [KIM, Min Seuk]
of [#205, 43/1, 145-15, Sinseong-dong, Yuseong-gu, Daejeon 305-804 Republic of Korea],
2. [AHN, Jong Gwan]
of [103-102, Gangbyeon Apt., Mannyeon-dong, Seo-gu, Daejeon 302-741 Republic of Korea],

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

THE DISSOLUTION APPARATUS FOR NOBLE METALS

which claims priority to [KR] Application No. [10-2008-0059588], filed on [24 June 2008] 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: May 28, 2009

KIM, Min Seuk



Date: May 28, 2009

AHN, Jong Gwan

