PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chi-Ho YOON	03/22/2010
Byung-Sik AHN	03/22/2010
Jong-Myung PARK	03/22/2010

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	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12754848

CORRESPONDENCE DATA

Fax Number: (860)286-0115

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 860-286-2929

Email: cldavenport@cantorcolburn.com
Correspondent Name: CANTOR COLBURN, LLP
Address Line 1: 20 Church Street, 22nd Floor
Address Line 4: Hartford, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER: NMI-0003

NAME OF SUBMITTER: Jaegyoo Jang

Total Attachments: 2 source=2J80461#page1.tif source=2J80461#page2.tif OP \$40.00 1

PATENT REEL: 024192 FRAME: 0921

ASSIGNMENT

WHEREAS We, Chi-Ho, YOON of 11-306, KAIST Prof.APT., Gajeong-Dong, Yuseong- Gu, Daejeon, Republic of Korea, Byung-Sik, AHN of 109-806, HWANGSIL TOWN APT., Wolpyung 3-Dong, Seo-Gu, Daejeon, Republic of Korea and Jong-Myung, PARK of 112-806, HWANGSIL TOWN APT., Wolpyung 3-Dong, Seo-Gu, Daejeon, Republic of Korea (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

Velocity and concentration adjustable coupling pipe apparatus equipped between lifting pipe and collector

(hereinafter referred to as "INVENTION") which claims priority to Korean Application N
10-2010-0018683, filed on March 2, 2010; was filed on
and for which we, said ASSIGNORS, are about to file an application for a United States Pate
(hereinafter collectively referred to as "APPLICATIONS"):

AND WHEREAS, Korea Institute of Geoscience And Mineral Resources(KIGAM) (hereinafter referred to as "ASSIGNEE"), a corporation 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, Korea, is desirous of acquiring an interest in any and all countries, in and to the INVENTION, the APPLICATIONS, and any Patents that issue therefrom;

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 ASSIGNORS, have assigned and transferred, and hereby assign and transfer unto ASSIGNEE, the entire right, title and interest in and to the INVENTION, the APPLICATIONS, and any and all Patents that may be issued therefrom, in any and all countries, including any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to ASSIGNEE; and we, the ASSIGNORS, do hereby agree that we will execute all papers necessary in connection with any and all patent applications when called upon to do so by ASSIGNEE, their successors or assigns, and that we will, at the cost and expense of ASSIGNEE, fully assist and

PATENT REEL: 024192 FRAME: 0922 cooperate in all matters in connection with any and all patent 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 APPLICATIONS or any Patents issuing thereon.

Date: March 22,2010	かえ ル Chi -Ho, YOON	L.S
Date: March 22,2010	Byung-Sik, AHN	L.S.
Date: March 22,2010	PAR & Jong Myung.	L.S.

PATENT REEL: 024192 FRAME: 0923

RECORDED: 04/06/2010