503168004 02/05/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIN-TAE PARK	01/19/2015
CHUL-WOO NAM	01/19/2015
KYUNG-HO PARK	01/19/2015
HYUN-HO KIM	01/19/2015

RECEIVING PARTY DATA

Name:	KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES	
Street Address:	124, GWAHAK-RO, YUSEONG-GU	
City:	DAEJEON	
State/Country:	REPUBLIC OF KOREA	
Postal Code:	305-350	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14608757

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ATTORNEY DOCKET NUMBER:	D686:76464/JEC/AAM
NAME OF SUBMITTER:	ALEX MARTINEZ
SIGNATURE:	/Alex Martinez/
DATE SIGNED:	02/05/2015

Total Attachments: 2

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PATENT 503168004 REEL: 034900 FRAME: 0520

Docket No.:

Return to: CHRISTIE, PARKER & HALE Post Office Box 7068 Pasadena, CA 91109-7068

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Jin-Tee PARK, Chui-Woo NAM, Kyung-Ho PARKand Hyun-Ho KiM

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) KOREA INSTITUTE OF GEOSCIENCE AND MINERAL RESOURCES

having a place of business at

(3) 124, Gwahak-ro, Yuseong-gu, Daejeon 305-350, Republic of Kores

(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) LEACHING METHOD OF RARE-EARTH METALS USING HYDROCHLORIC ACID FROM MANGANESE NODULE

which application executed on even date herewith or was

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ia\	Executed on (5a)	(CHRISTIE, PARKER & HALE, LLP, P.O. Box
(w)	managed as the	7068, Pasadena, CA 91109-7058) is hereby
in	filed on (5b)	authorized to insert in (b) the specified data,
(4)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Annifestion No	when known.
	Application No.:	when known.

including any and all United States Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

inventor(s)	SIGNATURE	DATE
Jin-Tas PARK	pare L	3014. 1. 1J

PATENT REEL: 034900 FRAME: 0521

Docket No.:		
Chul-Woo NAM		2015.1.19
Kyuns-Ho Park	J. Jan J.	2016, 1,11
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witnesses:		
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PATENT REEL: 034900 FRAME: 0522

RECORDED: 02/05/2015