503046274 11/04/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHEOL HEE PARK	01/06/2014
HAN NAH JEONG	01/06/2014
SANG YUN JUNG	01/06/2014
BYUNG KYU LIM	01/06/2014
YONG JU LEE	01/06/2014

RECEIVING PARTY DATA

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Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14109611

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ATTORNEY DOCKET NUMBER: 29137.01375.US00	
NAME OF SUBMITTER:	MATTHEW T. BAILEY
SIGNATURE:	/Matthew T. Bailey/
DATE SIGNED:	11/04/2014

Total Attachments: 2

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> **PATENT REEL: 034095 FRAME: 0499** 503046274

Assignment of Application

PARK, Cheol Hee; JEONG, Han Nah; JUNG, Sang Yun; LIM, Byung Kyu and LEE, Yong Ju		
	endendendendenden erkokkaan kon barkkaan halkaan barkkaan kan barkkaan kan barkkaan kan barkkaan kan barkkaan	, respectively,
I improvements in:	SILICON OXI	DE-CARBON
MANUFACTURING	THE SAME	Market Market And Share (1955) by the legal of the Company of the
Patent was executed of	on	ментинический политический поли
	***************************************	2013), and
	Byung Kyu and LEF Il improvements in: MANUFACTURING Patent was executed of	Byung Kyu and LEE, Yong Ju

(Application No.	14/109,611	, Filed	December 17, 2013), and
WHEREAS,	LG CHEM, LTD.		ACT AND COMMON AND COMMON AND AND COMMON AND AND AND AND AND AND AND AND AND AN	
	ed to as "ASSIGNEE") having -daero, Yeongdeungpo-gu, S			

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

Document Number: 51077773



REEL: 034095 FRAME: 0500

Docket No.:

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: January 6, 2014	(Signature of Inventor)
Date: January 6, 2014	PARK, Cheol Hee
,	(Signatule of Inventor) JEONG, Han Nah
Date: January 6, 2014	(Signature of Inventor) JUNG, Sang Yun
Date: January 6, 2014	(Signature of Inventor) LIM, Byung Kyu
Date: January 6, 2014	(Signature of Inventor)/ LEE, Yong Ju

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