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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MIN JIN KO	10/11/2013
JAE HO JUNG	10/11/2013
BUM GYU CHOI	10/11/2013
MIN A YU	10/11/2013

RECEIVING PARTY DATA

Name:	LG CHEM, LTD.	
Street Address:	20 YOUIDO, YONGDUNGPO-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	150-721	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13953493

CORRESPONDENCE DATA

Fax Number: (202)496-7756 Phone: 2024967500

Email: mlaip@mckennalong.com

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

Correspondent Name: MCKENNA LONG & ALDRIDGE LLP

Address Line 1: 1900 K STREET NW Address Line 2: IP DEPARTMENT

Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006

ATTORNEY DOCKET NUMBER:	29137.01252.US00	
NAME OF SUBMITTER:	MARK R. KRESLOFF	

REEL: 031475 FRAME: 0809

PATENT

Signature:	/Mark R. Kresloff#42,766/
Date:	10/25/2013
Total Attachments: 2 source=2913701252US00ASS#page1.tif source=2913701252US00ASS#page2.tif	

PATENT REEL: 031475 FRAME: 0810

Docket No.: 29137.01252.US00

Assignment of Application

WHEREAS,	I (WE) Mi Yu	•	Jac Ho JU	NG; B	um Gyu CHOI	; and Min A
······································			······································	***************************************	2	respectively,
have invented cert	ain new and u	seful impro	vements in	:	***************************************	
	C	URABLE	COMPOSI	TION		
for which an appli	cation for Let	ters Patent v	vas execute	ed on	July 29, 2013	***************************************
(Application No.	13/953,493			Ju	ily 29, 2013), and
WHEREAS,	LG CHEM	LTD.				
(hereinafter referre	ed to as "ASS	IGNEE") ha	iving a plac	se of b	usiness at:	***************************************

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;

20 Youido, Yongdungpo-gu, Seoul 150-721 Republic of Korea

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.

Docket No.: 29137.01252.US00

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: October 11, 2013

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006