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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date		
HYEON KYU KIM	09/06/2016		
BUM HYUN LEE	09/06/2016		
JAE JUNG SEOL	09/06/2016		
KI YOUN KIM	09/06/2016		
YEO JOO CHOI	09/06/2016		
JAE KI LEE	09/06/2016		

RECEIVING PARTY DATA

Name:	LG CHEM, LTD.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29577537

CORRESPONDENCE DATA

Fax Number: (202)496-7756

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2024967500

Email: renzo.rocchegiani@dentons.com

Correspondent Name: RENZO N. ROCCHEGIANI

Address Line 1: **DENTONS US LLP** Address Line 2: 1900 K STREET, NEW Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	29137.02192.US80
NAME OF SUBMITTER:	RENZO N. ROCCHEGIANI
SIGNATURE:	/Renzo N. Rocchegiani/
DATE SIGNED:	11/03/2016

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Total Attachments: 2

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PATENT REEL: 040218 FRAME: 0471

Assignment of Application

WHEREAS, I (W	E)				_	LEE, Ki LEI		Jung	SEOL,
								, respe	ctively,
have invented certai	n new and us	seful in	nproven	nents in	:	_			
		Ba	ittery pa	ick					
for which an application for Letters Patent was executed on									
(Application No. 2	29/577,537			, File	d [00/:	3/2016) and
	LG CHEM, LTD.), and		
(hereinafter referred 128, Yeoui-daero, Ye							t:		

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.

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.

2016. 9.6 Date: KIM, Hyeon Kyu 2016.9.6 (Signature of Inv LEE, Bum Hyun Date: 2016, 9,6 (Signature of Inventor) SEOL, Jae Jung (Signature of Inventor) KIM. Ki Youn Date: 20/b. 9-6 (Signature of Inventor) CHOI, Yeo Joo Date: 20/6-9.6. (Signature of Inventor)

LEE, Jae Ki

Dentons US LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006