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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	
SEUNG-MIN RYU	10/14/2013	
SUNG-JIN KWON	10/14/2013	
SOON-HO AHN	10/14/2013	
DONG-MYUNG KIM	10/14/2013	
KI-WOONG KIM	10/14/2013	
YOUNG-HOON KIM	10/14/2013	

RECEIVING PARTY DATA

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City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	150-721	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14062251	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: LGCHEM 3.9-383 CON

PATENT REEL: 032041 FRAME: 0049

NAME OF SUBMITTER:	KELLY Y. HWANG
Signature:	/Kelly Y. Hwang/
Date:	01/24/2014
Total Attachments: 2 source=LGCHEM 3.9-383 CON (492)#page1.tif source=LGCHEM 3.9-383 CON (492)#page2.tif	

PATENT REEL: 032041 FRAME: 0050

Assignment of Application

WHEREAS, I (WE)	Seung-Min RYU; Sung-Jin K Myung KIM; Ki-Woong KIM		
102-803, Moamiraedo Apt., Yonghwa-dong, Asan-si, Chungcheongnam-do 336-790, Republic of Korea; 2213, Magnolia officetel, 933, Dunsan 2-dong, Seo-gu, Daejeon 302-828, Republic of Korea; 201, Noblessevill, 59-12, Jamwon-dong, Seocho-gu, Seoul 137-907, Republic of Korea; 605-701, Pungyoroun Apt., Songnim Maeul 6 Danji, Hagi-dong, Yuseong-gu, Daejeon 305-759, Republic of Korea; 401-702, Expo Apt., Jeonmin-dong, Yuseong-gu, Daejeon 305-762, Republic of Korea; 1830, Honorsville, Dunsan-dong, Sco-gu, Daejeon 302-120, Republic of Korea			, respectively,
have invented certain new and useful improvements in:		P. Control of the con	
STEPWISE ELECTRODE ASSEMBLY HAVING VARIOUSLY-SHAPED CORNER AND SECONDARY BATTERY, BATTERY PACK AND DEVICE COMPRISING THE SAME			
for which an application for	Letters Patent was executed or	1	

(Application No.	14/062,251	, Filed	October 24	4, 2013), and
WHEREAS,	LG CHEM, LTD.		**************************************		
	ed to as "ASSIGNEE") havi Yeoungdeungpo-gu, Seoul			ea	
	444 (848)				

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.

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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 Lerner, David, Littenberg, Krumholz & Mentlik, LLP, 600 South Avenue West, Westfield, NJ 07090 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:	2017.10.14	(Signature of Inventor) Setting-Min RYU
Date:	2013,10.14	AAAA (Signature of Inventor) Sung-Jin KWON
Date:	2017.10,14	(Signature of Inventor) Soon-Ho AHN
Date:	2013.10.14	(Signature of Inventor) Dong-Myung KIM
Date:	2013.10.14	(Signature of Inventor) Ki-Woong KIM
Date:	2013.10.14,	(Signature of Inventor) Young-Hoon KIM

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