Form PTO-1595 (Rev. 03-11) OMB No. 0851-0027 (exp. 03/31/2015)	U.S. DEPARTMENT OF COMMERCE United States Palant and Trademark Office
RECORDATION FOR	M COVER SHEET
PATENTS	ONLY
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1. Name of conveying party(les):	2. Name and address of receiving party(les)
Sung-Jin Kwon (10/24/2013), Young-Hoon Kim	Name: LG Chem, Ltd.
(10/24/2013), Soon-Ho Ahn (10/24/2013), Dong-	
Myung Kim (10/24/2013), Additional name(s) of conveying party(ies) attached? X Yes No	Internal Address:
	Street Address:
3. Nature of conveyance/Execution Date(s):	128, Yeoul-daero
Execution Date(s): in parentheses after Inventor name	Yeoungdeungpo-gu
X Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: Seoul
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country: Republic of Korea Zip: 150-721
	Additional name(s) & address(es) Yes X No
Other	attached?
4. Application or patent number(s): 7 A. Patent Application No.(s) 14/104.226	This document is being filed together with a new application. B. Patent No.(s)
Additional numbers attached?	Yes XNo
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and 1
Name: Kelly Y. Hwang LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address: Atty. Dkt.:	
Street Address; 600 South Avenue West	X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)
City:Westfield	8. Payment Information
State: NJ Žip: 07090	
Phone Number: 908-654-5000	
Fax Number: 908-654-7866	Deposit Account Number 12-1095
Email Address: mcormier@ldikm.com	Authorized User Name Nicole Ho
9. Signature:	January 6, 2014 Date
Nicole Ho - 64,482	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents:

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RECORDATION FORM COVER SHEET (PTO-1595) (supplemental sheet)					
Additional Conve	eying Party(ies)/Exec	ution Date(s) (1. Continued)	:		
Ki-Woong Kim (10/2	Ki-Woong Kim (10/24/2013), Sung-Han Yoon (10/24/2013), and Seung-Min Ryu (10/24/2013)				
Additional Assign	nees (2. Continued):				
Assignee Name:					
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Assignes Name:					
Internal Address:					
Street Address:					
City:	State:	Country:	Zlp:		
Assignee Name:					
inlemal Address:					
Streel Address:					
City:	State:	Country:	Žip:		
Additional Applic	ations and/or Patent	s (4. Continued):			
Additional Patent Application Numbers Additional Patent Numbers 4A. Continued: 4B. Continued:					
	Additional numbers	attached?	10		

Docket No.:

Docket No.: <u>G2012-0303US</u>

Assignment of Application

WHEREAS, I (WÉ)	Sung-Jin KWON, Young-Hoo	on KIM, Soon-H	o AHN,
	Dong-Myung KIM, Ki-Woon	g KIM, Sung-Ha	in YOON and
	Seung-Min RYU		
Seung-Min R Y OLG Chemical Development Corp., 104-1 Munji-dong, Yuseong-gu, Daejeon 305-380, Republic of Korea; LG Chemical Development Corp., 104-1 Munji-dong, Yuseong-gu, Daejeon 305-380, Republic of Korea; LG Chemical Development Corp., 104-1 Munji-dong, Yuseong-gu, Daejeon 305-380, Republic of Korea; LG Chemical Development Corp., 104-1 Munji-dong, Yuseong-gu, Daejeon 305-380, Republic of Korea; LG Chemical Development Corp., 104-1 Munji-dong, Yuseong-gu, Daejeon 305-380, Republic of Korea; LG Chemical Development Corp., 104-1 Munji-dong, Yuseong-gu, Daejeon 305-380, Republic of Korea; and LG Chemical Development Corp., 104-1 Munji-dong, Yuseong-gu, Daejeon 305-380, Republic of KoreaNami K Y O			
have invented certain new a			
ELECTRODE ASSEMBLY HAVING STEPPED PORTION, AS WELL AS BATTERY CELL, BATTERY PACK, AND DEVICE INCLUDING THE ELECTRODE ASSEMBLY			
for which an application for	Letters Patent was executed or	n	
24 P. 4. 37	Dired		

(Application No.	14/104,226	, Filed December	12, 2013), and
WHEREAS,	LG CHEM, LTD.			
(hereinafter referred to as "ASSIGNEE") having a place of business at: 128, Yeoui-daero, Yeoungdeungpo-gu, Seoul 150-721, Republic of Korea				

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 assignce of my (our) entire right, title

Page 1 of 3

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PATENT REEL: 032111 FRAME: 0111

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and interest in and 10 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 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.

17

Date:	2013.10.2-4	(Signature of Inventor)
Date:	2012.10.2A	Sung-Jin KWON
Date:	20(3. 10. 24	Young-Hoon KIM Signature of inventor) Soon-Ho AHN
Date:	2013.10.24	(Signature of Inventor) Dong-Myung KIM
Date:	<u>20(7.10.24</u>	(Signature of Inventor) Ki-Woong KIM
Date:	2017.10.24	(Signature of Inventor) Sung-Han YOON

Page 2 of 3

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2013.10.24. Date:

(Signature of Inventor) Seung-Min RYU

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RECORDED: 01/06/2014