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07-22-2008



Docket No.: LEE-0115

U.S. DEPARTMENT OF COMMERCE

12/08 7813 SRee'd PCT 14 JUL 2006

To the Director of the United States Patent and Trademan USO.	ched documents or the new address(es) below.	
1. Name of conveying party(ies): Young Soo KIM	2. Name and address of receiving party(ies):  Name: LG CHEM, LTD.  Internal Address:	
Additional names(s) of conveying party(ies) attached?   Yes  No		
3. Nature of conveyance/Execution Date(s):  Execution Date(s):  Jan. 30, 2007  Merger  Security Agreement  Change of Name  Joint Research Agreement  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other  4. Application or patent numbers(s):  A. Patent Application No.(s)	Street Address: 20 Yoido-dong, Youngdungpo-gu  City: Seoul  State:  Country: Republic of Korea ZIP: 150-721  Additional name(s) & address(es) attached? Yes No  This document is being filed together with a new application.  B. Patent No.(s)	
N/A  Additional numbers attacts.  Name and address to whom correspondence	ched?	
concerning document should be mailed:  Name: Cantor Colburn LLP	involved:1	
Internal Address:  Street Address: 20 Church St. 22nd Fl.	7. Total fee (37 CFR 1.21(h) & 3.41): \$40.00  ☐ Authorized to be charged by credit card ☑ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)	
City: Houtford	8. Payment Information:	
City: Hartford  State: CT ZIP: 06103  Phone Number: 860-286-2929  Fax Number: 860-286-0115  Email Address:	a. Credit Card Last 4 Numbers  Expiration Date  b. Deposit Account Number 061130  Authorized User Name v. 0401	
9. Signature:  Demetra Smith-Stewart  Name of Person Signing	### ##################################	

12/087813

## IAPOSRee'd PCT 14 JUL 2008 RECORDATION FORM COVER SHEET PATENTS ONLY

ITME No.1, Continued:
Additional Conveying Party:
Soon Ho AHN, execution dated on January 30, 2007
Joon Sung BAE, execution dated on January 30, 2007
Cha Hun KU, execution dated on January 30, 2007
Soo Hyun HA, execution dated on January 30, 2007
Duk Hyun RYU, execution dated on January 30, 2007
Sei Lin YOON, execution dated on January 30, 2007

PATENT REEL: 021270 FRAME: 0079

## **ASSIGNMENT**

WHEREAS We, Young Soo KIM of 102-302, Neopart Apartment, Bukjeong-dong, Yangsan-si, Gyeongsangnam-do 626-110, Republic of Korea, Soon Ho AHN of 108-502, Daelim Dure Apartment, Shinsung-dong, Yuseong-gu, Daejeon 305-720, Republic of Korea, Joon Sung BAE of 112-402, Samsung Pureun Apartment, Jeonmin-dong, Yuseong-gu, Daejeon 305-727, Republic of Korea, Cha Hun KU of 103, 448-15, Jeonmin-dong, Yuseong-gu, Daejeon 305-810, Republic of Korea, Soo Hyun HA of 1902, Yeonsan Ssangyong Apartment, 603-7, Yeonsan4-dong, Yeonje-gu, Busan 611-820, Republic of Korea, Duk Hyun RYU of 108-25, Doma 2-dong, Seo-gu, Daejeon 302-822, Republic of Korea, Sei Lin Yoon of 201-702, Samsung 2-cha Apartment, Dangsan-dong 4-ga, Youngdungpo-gu, Seoul 150-044, Republic of Korea (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

## [NON-AQUEOUS ELECTROLYTE AND ELECTROCHEMICAL DEVICE WITH AN IMPROVED SAFETY]

which claims priority to Korean Application No. 10-2006-0003675, filed on January 12, 2006; was filed on January 12, 2007 as International Application No. PCT/KR2007/000214; and for which I, said ASSIGNOR, am about to file an application for Letters Patent of the United States;

AND WHEREAS, LG CHEM, LTD. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Republic of Korea, having a place of business at 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721, Republic of Korea, is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said

PATENT REEL: 021270 FRAME: 0080

## LEE-0112

ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will, at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: Spol, 1.70	Mr Olk	L.S.
,	[Young Soo KIM]	
Date: 204].  . 30	[Soon Hø AHN]	L.S.
Date: 2001. 1.30	[Joon Sung BAE]	L.S.

PATENT REEL: 021270 FRAME: 0081

Date: 2097. 1. 30	Chahu Cu [Cha Hun KU]	L.S
Date: 그에, 1, 30	[Soo Hyun HA]	L.S.
Date: 2001, 1. 30	[Duk Hyun KYU]	L.S.
Date: 2007. 1.30	for Un Your	L.S.

PATENT REEL: 021270 FRAME: 0082

RECORDED: 07/14/2008