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Docket No.: LEE-0088

U.S. DEPARTMENT OF COMMERCE

Patent	and	Trademark	Office

To the Director of the United States Patent a	3311003 ————————————————————————————————		
1. Name of conveying party(ies):  Ho Chun LEE; Tae Yoon PARK; Yong Su CHOI; Soo Jin YOON; Hong Kyu PARK; Hyun Min JUNG; Jeong Ae AHN	Name and address of receiving party(ies):  Name: LG CHEM, LTD.		
being 110 11111	Address: 20, Yoido-dong, Youngdungpo-gu		
Additional names(s) of conveying party(ies)	88 <b>28</b> 89 89 89 89 89 89 89 89 89 89 89 89 89		
3. Nature of conveyance:	000		
☑ Assignment ☐ Merger	1130		
☐ Security Agreement ☐ Change of Name	City: Seoul State/Prov.:		
Other	Country: Republic of Korea ZIP: 150-721		
Execution Date: August 21, 2006	Additional name(s) & address(es) ☐ Yes ☒ No		
4. Application number(s) or patent numbers(s):			
If this document is being filed together with a new application,	the execution date of the application is: August 21, 2006		
Patent Application No. Filing date	B. Patent No.(s)		
Additional numbers	☐ Yes ☒ No		
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:		
Name: Dana A. Gronbeck	7. Total fee (37 CFR 3.41):\$ 40.00		
Registration No. 55,226	☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit aceture.		
Address: CANTOR COLBURN LLP			
55 Griffin Road South	Authorized to be charged to deposit account		
	8. Deposit account number:		
City: Bloomfield State/Prov.: CT	06-1130		
Country: USA ZIP: 06002	(Attach duplicate copy of this page if paying by sposit account)		
9. Statement and signature.	T USE THIS SPACE		
_	mation is true and correct and any attacled copy is a true copy		
Dana A. Gronbeck	14. (1. September 15, 2006		
Name of Person Signing	Signature Date		

## **ASSIGNMENT**

WHEREAS We, Ho Chun LEE of 106-1407, Hanmaul Apartment, 200-4, Songgang-dong, Yuseong-gu, Daejeon 305-503, Republic of Korea, Tae Yoon PARK of 402, 390-2, Doryong-dong, Yuseong-gu, Daejeon 305-340, Republic of Korea, Yong Su CHOI of 124-20, Daeseong-dong, Sangdang-gu, Cheongju-si, Chungcheongbuk-do 360-082, Republic of Korea, Soo Jin YOON of 392, Youngjin Jeonwon maul, Samhap-ri, Silchon-eup, Gwangju-si, Gyeonggi-do 464-871, Republic of Korea, Hong Kyu PARK of 105-605, Samsung Hanwool Apartment, Shinsung-dong, Yuseong-gu, Daejeon 305-707, Republic of Korea, Hyun Min JUNG of 104-903, Expo Apartment, Jeonmin-dong, Yuseong-gu, Daejeon 305-761, Republic of Korea and Jeong Ae AHN of 228-2, Munbong-dong, Ilsan-gu, Goyang-si, Gyeonggi-do 410-560, Republic of Korea (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

## NONAQUEOUS ELECTROLYTE FOR IMPROVING PERFORMANCE AND LITHIUM SECONDARY BATTERY COMPRISING THE SAME

which claims priority to Korean Patent Application No.10-2005-0086136 filed Sep. 15, 2005; and for which We are about to file or have filed 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 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 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.

LGChem PATENT REEL: 018314 FRAME: 0787 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: 8/21	106	[Ho Chun Lee]	L.S
Date: 8/21/6	ol	[Tae Yoon PARK]	L.S
Date: 8/21 10	06	[Yong Su CHOI]	L.S.
Date: 8/21 /06	<del></del>	[Soo Jin YOON]	L.S.
Date: 4/21/06		Hyun Min Jung [Hyun Min JUNG]	L.S.
Date: 100	<u> </u>	[Hong Kyu PARK]	L.S.
Date: 4/21/	06	Ahn Tengur [Jeong Ac AHN]	L.S.

**RECORDED: 09/15/2006**