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01/03/2012

Form FTO-1595 (Rev. 03-11) DMB No. 0651-0027 (exp. 03/31/2012)	U.S. DEPARTMENT OF COMMERC: United States Patent and Trademark Offic
RECORDATION FOR	
PATENTS	5 ONLY
To the Director of the U.S. Patent and Trademark Office: Please	record the attached documents or the new address(es) below.
1. Name of conveying party(ies):	2. Name and address of receiving party(ies)
Dae-Jong Seo (08/04/2008), Sang-Young Lee	Name: LG Chem, Ltd.
(08/04/2008), Seok-Koo Kim (08/04/2008), and Jang-Hyuk Hong (08/04/2008)	Internal Address:
Additional name(s) of conveying party(les) attached? Yes X No	Street Address:
3. Nature of conveyance/Execution Date(s):	
Execution Date(s); in parentheses after inventor name	LG Twin Towers 20, Yeouldo-dong
XAssignment Merger Change of Name	Yeongdeungpo-gu
Security Agreement Joint Research Agreement	City Secul
	City: Seoul
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country: Republic of Korea Zip: 150-721
Other	Additional name(s) & address(es) Yes X No attached?
Additional numbers attached?	7 Yes XNo
5. 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.: LGCHEM 3.3-018 DIV	
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 Zip:07090	
Phone Number: 908-654-5000	
Fax Number: 908-654-7866	Deposit Account Number 12-1095
Email Address:	Authorized User Name Kelly Y. Hwang
9. Signature:	January 3, 2012
Kolly X Hypera 51 921	
Kelly Y. Hwang - 51,831 Name of Person Signing	Total number of pages including cover 5 sheet, attachments, and documents

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	<u>tomer PTC/88/15 (6-00) Modiling</u> Docket Number (Optional)	
ASSIGNMENT OF UTILITY APPLICATION	LGCHEM 3.3-018	
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/hereas, I. SEO, Dae-Jong 103-1904, Yangiimaeul 1Danii Sambu Apartment, Ban	seok-dong, Yuseong-gu, Daeleon 305-	
erealter referred to as assignor, have with others invented certa		
PREPARED THEREBY	nt was filed on 12/16/11	
13/32/,970	· · · · · · · · · · · · · · · · · · ·	•
for which an application for a United States Letters Paten	was executed by me on	•
$\begin{bmatrix} x \\ x \end{bmatrix}$ for which an International Application was filed on	February 16, 2007, as	
PCT/KR2007/000848 ; designating the United		
And	· · · · · · · · · · · · · · · · · · ·	
Whereas, LG Chem, Ltd. a corporation of <u>Korea. Republic of</u> herein referred to as "assign	e" whose mailing address is	
A TALE TALLOR 20 Yeouldo-dong: Yeonoogungbo-du, Set		
LG Twin Towers, by returning the entire right, title and interest in the sa	me:	
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NOW, THEREFORE, in consideration of the sum of <u>one</u> of is acknowledged, and other good and valuable consideration, I assignee my entire right, this and interest for the United State invention and the aloresaid utility patent application and all o applications and patents applied for or granted therefor in the applications and patents applied for or granted therefor in the	Ioliars (\$ <u>1.00</u>), the receipt whi as assignor hereby sell, assign and set over to a of America and all other countries in and to riginal, divisional, continuation, substitute or the United States of America and all other countries that is for said invention claiming priority or ben	o sai 5 sai 5 sai 5 sai 5 sai 5 sai 5 sai 6 sai 6 sai 6 sai
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PATENT REEL: 027532 FRAME: 0329 GERBS-USTILLE .

		Docket Number (Optional)	DU
ASSIGNA	MENT OF UTILITY APPLICATION	LGCHEM 3.3-018	
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Whereas, I,	LEE, Sang-Young Expo Apartment, Jeonmin-donó, Yuseong-di	Dasieon 305-761, Republic Of Korea	
ORGANI	red to as assignor, have with others invented cent C/INORGANIC COMPOSITE ELECTROLYTI	E AND ELECTROCHEMICAL DEVICE	
for wh	THEREBY tich an application for a United States Letters Pate ation Number		
	cation Number	t was executed by me on	
	hich an International Application was filed on	February 16, 2007 , as	
PCT/	KR2007/000848	States.	
And .			
Whereas, _L	G Chem, Ltd. of Korea, Republic of herein referred to as fassign	ee" whose mailing address la	
LG Twin I	covers, 20, recolutions, the and interest in the se	1179]	
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ASSIGNMENT OF UTILITY APPLICATION ereas, I, <u>KIM. Seok-Koo</u> <u>317-8. Jangdae-dong. Yuseong-gu. Deeleon 305-308. Reput</u> eafter referred to as assignor, have with others invented certain new ORGANIC/INORGANIC COMPOSITE ELECTROLYTE AND PREPARED THEREBY X for which an application for a United States Letters Patent was Application Number <u>13/327,976</u> for which an application for a United States Letters Patent was e X for which an application for a United States Letters Patent was e X for which an International Application was filed on <u>Febru</u> <u>PCT/KR2007/000848</u> , designating the United States LG Chem, Ltd. ereas, <u>LG Chem, Ltd.</u> who the entire right, title and interest in the same; W, THEREFORE, in consideration of the sum of <u>one</u> dollars acknowledged, and other good and valuable consideration, I as ass and the entire right, title and interest for the United States of Adapted to the sum of and dollars and the entire right, title and interest of the United States of Adapted to the united States of Adapted to the sum of and dollars and the entire right title and interest for the United States of Adapted to the united States of Adapted to the sum of and adapted to the sum of adapted to the dollars and the entire right title and interest for the United States of Adapted to the sum of adapted to the dollars adapted to the right title and interest for the United States of Adapted to the dollars adapted to the right, title and interest for the United States of Adapted to the dollars addition to the dollars adapted to the right, title and interest for the United States of Adapted to the dollars adapted to the right, title and interest for the United States of Adapted to addition of the sum of addition addition to addition.	and useful improvements in ELECTROCHEMICAL DEVICE filed on <u>12-16-11</u> xecuted by me on, ary 16, 2007, as base malling address is PUBLIC OF KOREA 150-721 (\$ 1.00), the receipt whereas (\$ 1.00), the receipt whereas
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