

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Han Soo KIM	09/10/2009
Sung Hyun KIM	09/10/2009
Dong Chang CHOI	09/11/2009
Kyung Soo CHOI	09/14/2009
Ho Chan JI	09/10/2009
Min Young LIM	09/14/2009
Geun Young CHA	09/10/2009
Yoon Hee HEO	09/10/2009
Ji Heum YOO	09/10/2009
Sun Hwa KIM	09/10/2009

**RECEIVING PARTY DATA**

Name:	LG CHEM, LTD.
Street Address:	LG Twin Towers 20, Yeouido-dong, Yeongdeungpo-gu
City:	Seoul
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12671348

**CORRESPONDENCE DATA**

Fax Number: (202)783-6031  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: 2027836040  
 Email: jfu@rfem.com  
 Correspondent Name: Jessica FU  
 Address Line 1: 1425 K STREET, N.W.

CH \$40.00 12671348

Address Line 2: SUITE 800  
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:	3570-116
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NAME OF SUBMITTER:	Oliver L. Edwards, Reg. No. 64,711
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Attorney Docket No.

Rothwell, Figg, Ernst & Manbeck, P.C.

**ASSIGNMENT BY INVENTOR(S) OF PATENT APPLICATION  
FOR THE UNITED STATES OF AMERICA**

IN CONSIDERATION of good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR(S))  
by

Name: LG CHEM. LTD.

Address: LG Twin Towers 20, Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721 Republic of Korea

(hereinafter ASSIGNEE), the receipt and adequacy of which hereby acknowledged, ASSIGNOR(S) hereby sell(s), assign(s) and transfer(s) to ASSIGNEE all of his/her right, title and interest in, to and under the invention and application entitled: for which application for Letters Patent of the United States ASSIGNOR(S) is/are the sole or a joint inventor and which application is identified herein and/or is further identified as follows

U.S. Serial No. or PCT Appln. No.: PCT/KR2008/005707 , Filing Date: September 26, 2008

(Rothwell, Figg, Ernst & Manbeck is hereby authorized to insert the series code, serial or application number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted, including all rights to recover damages for any and all past infringement; and

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with said application and any continuing, divisional, reissue or reexamination applications thereof and to execute separate assignments in connection with such applications as ASSIGNEE may deem necessary.

ASSIGNOR(S) agree(s) to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue, reexamination or extension thereof or Letters Patent, reissue patent or reexamination certificate issued thereon, and all rights connected therewith, and to cooperate with ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

ASSIGNOR(S) covenant(s) that he/she has the full right to convey the entire interest herein assigned and has not executed, and will not execute, any agreement in conflict herewith.

ASSIGNOR(S) acknowledge(s) that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE's choice to prosecute any application or other legal proceeding involving said invention and ASSIGNOR(S) further acknowledge(s) that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR(S) and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR(S) and any attorney or practitioner appointed by ASSIGNEE.

IN WITNESS WHEREOF, the undersigned ASSIGNOR(S) has/ have affixed his/her signature below.

Signature: [Signature] Date: 2009. 9. 10  
Typed Name: KIM, Han Soo

Signature: [Signature] Date: 2009. 9. 10  
Typed Name: KIM, Sung Hyun

Signature: [Signature] Date: 2009. 09. 11  
Typed Name: CHOI, Dong Chang

Signature: [Signature] Date: 2009. 9. 14  
Typed Name: CHOI, Kyung Soo

Signature: [Signature] Date: 2009. 9. 10  
Typed Name: JI, Ho Chan

Signature: [Signature] Date: 2009. 9. 14.  
Typed Name: LIM, Min Young



Signature: 차근영 Date: 2009. 9. 10  
Typed Name: CHA, Geun Young

Signature: [Handwritten Signature] Date: 2009. 9. 10  
Typed Name: HEO, Yoon Hee

Signature: heum Date: 2009. 9. 10  
Typed Name: YOO, Ji Heum

Signature: [Handwritten Signature] Date: 2009. 9. 10  
Typed Name: KIM, Sun Hwa

NO LEGALIZATION REQUIRED. THIS DOCUMENT MAY BE NOTARIZED IF DESIRED FOR FURTHER PROOF OF EXECUTION.

