

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Hyun-kuk NOH	12/14/2009
Hyun-jong SHIN	12/14/2009
Won-ho LEE	12/14/2009
Byung-yul CHOI	12/14/2009
Gyo-hyun HWANG	12/14/2009
Ju-yeon PARK	12/14/2009
Duk-ki KIM	12/14/2009
Young-hyun CHOE	12/14/2009
Min-ho KIL	12/14/2009
Min-suk KIM	12/14/2009
Young-jin CHO	12/14/2009
Sung-chul LIM	12/14/2009

**RECEIVING PARTY DATA**

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

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12664584

**CORRESPONDENCE DATA**

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CH \$40.00 12664584

**501137368**

**PATENT  
 REEL: 024176 FRAME: 0252**

Correspondent Name: ROTHWELL, FIGG, ERNST & MANBECK, P.C.  
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Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

ATTORNEY DOCKET NUMBER:

3570-113

NAME OF SUBMITTER:

Oliver L. Edwards, Reg. No. 64,711

Total Attachments: 6  
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**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: 20, Yoido-dong, Youngdungpo-gu, Seoul, Repub. of Korea 150-721

(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/KR2008/003313, Filing Date: June 13, 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: [Handwritten Signature] Date: Dec. 14, 2009  
Typed Name: Hyun-kuk NOH

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Hyun-jong SHIN

Signature: [Handwritten Signature] Date: Dec. 14, 2009  
Typed Name: Won-ho LEE

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Byung-yul CHOI



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Typed Name: Young-jin CHO

Signature:  \_\_\_\_\_ Date: Dec 14, 2009  
Typed Name: Sung-chul LIM

WITNESSES: (optional)

Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: \_\_\_\_\_

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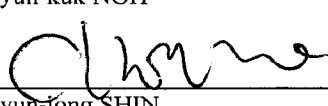
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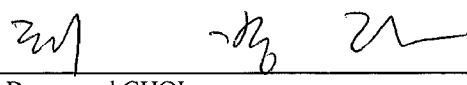
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Typed Name: Hyun-kuk NOH


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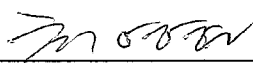
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