PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
No Ma KIM	09/28/2010
In Ho HWANG	09/28/2010
Jeong Min HA	09/28/2010

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12812415

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 29137.630.00

NAME OF SUBMITTER: Matthew T. Bailey

Total Attachments: 2

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PATENT

REEL: 025080 FRAME: 0976

12812415

CH \$40.00

501309002 PAT REEL: 025080

Docket No.: 29137.630.00

Assignment of Application

WHEREAS, I (WE) KIM, No Ma, HWANG, In Ho, HA, Jeong Min, respectively, have invented certain new and useful improvements in:

1 for which an app	lication for a Letters Patent was executed	on
for which an app	lication for a Letters Patent was filed on o. 12/812,415	July 9, 2010
VHEREAS, LG	Chem, Ltd.	

20, Yoido-dong, Youngdungpo-gu, Seoul, Republic of Korea 150-721

is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

Docket No.: 29137.630.00

The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Leptember 28,2013

(Signature of Inventor)

KIM, No Ma

(Signature of Inventor)

HWANG, In Ho

September 28,206

(Signature of Inventor)

HA, Jeong Min

McKenna Long & Aldridge LLP Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006

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