

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>DONG-HYUN KO</td> <td>09/21/2012</td> </tr> <tr> <td>SUNG-SHIK EOM</td> <td>09/21/2012</td> </tr> <tr> <td>MOO-HO HONG</td> <td>09/21/2012</td> </tr> <tr> <td>O-HAK KWON</td> <td>06/07/2013</td> </tr> <tr> <td>JAE-HUI CHOI</td> <td>07/06/2013</td> </tr> <tr> <td>DAE-CHUL KIM</td> <td>09/21/2012</td> </tr> </tbody> </table>		Name	Execution Date	DONG-HYUN KO	09/21/2012	SUNG-SHIK EOM	09/21/2012	MOO-HO HONG	09/21/2012	O-HAK KWON	06/07/2013	JAE-HUI CHOI	07/06/2013	DAE-CHUL KIM	09/21/2012
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<table border="1"> <tr> <td>Name:</td> <td>LG CHEM, LTD.</td> </tr> <tr> <td>Street Address:</td> <td>20, YOIDO-DONG, YOUNGDUNGPO-GU</td> </tr> <tr> <td>City:</td> <td>SEOUL</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> <tr> <td>Postal Code:</td> <td>302-739</td> </tr> </table>		Name:	LG CHEM, LTD.	Street Address:	20, YOIDO-DONG, YOUNGDUNGPO-GU	City:	SEOUL	State/Country:	KOREA, REPUBLIC OF	Postal Code:	302-739				
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CORRESPONDENCE DATA															
Fax Number: (202)496-7756 Phone: 202.496.7500 Email: mlapto@mckennalong.com <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i> Correspondent Name: MCKENNA LONG & ALDRIDGE LLP Address Line 1: 1900 K STREET, NW Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006															
ATTORNEY DOCKET NUMBER:	29137.01368.US00														
NAME OF SUBMITTER:	MARK R. KRESLOFF														

CH \$40.00 14125886

Signature:	/Mark R. Kresloff/
Date:	12/12/2013
Total Attachments: 6 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif	

Assignment of Application

WHEREAS, I (WE)	KO, Dong-Hyun; EOM, Sung-Shik; HONG, Moo-Ho; KWON, O-Hak; CHOI, Jae-Hui; KIM, Dae-Chul
	, respectively,
have invented certain new and useful improvements in:	
HYDROFORMYLATION METHOD HAVING IMPROVED CATALYST STABILITY IN REACTION	
for which an application for Letters Patent was executed on	

(Application No.		, Filed		), and
WHEREAS,	LG CHEM, LTD.			
(hereinafter referred to as "ASSIGNEE") having a place of business at: 20, Yoido-dong, Youngdungpo-gu, Seoul 150-721, Republic of Korea				

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.

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: Sep 21, 2012

KO Dong-Hyun
(Signature of Inventor)
KO, Dong-Hyun

Date: Sep. 21, 2012

EOM
(Signature of Inventor)
EOM, Sung-Shik

Date: Sep 21, 2012

HONG
(Signature of Inventor)
HONG, Moo-Ho

Date: _____

(Signature of Inventor)
KWON, O-Hak

Date: _____

(Signature of Inventor)
CHOI, Jae-Hui

Date: Sep 21, 2012

KIM
(Signature of Inventor)
KIM, Dae-Chul

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



Agreement of Attribution

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(Signature of Inventor)
KO, Dong-Hyun

Date: _____
(Signature of Inventor)
EOM, Sung-Shik

Date: _____
(Signature of Inventor)
HONG, Moo-Ho

Date: June 7, 2003
(Signature of Inventor)
KWON, O-Hak

Date: _____
(Signature of Inventor)
CHOI, Jae-Hui

Date: _____
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KIM, Dae-Chul

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EOM, Sung-Shik

Date: _____
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HONG, Moo-Ho

Date: _____
(Signature of Inventor)
KWON, O-Hak

Date: 01.06.2013
(Signature of Inventor)
CHOL, Jae-Hui

Date: _____
(Signature of Inventor)
KIM, Dae-Chul

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