

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>01/07/2014</td> </tr> <tr> <td>SUNG SHIK EOM</td> <td>01/08/2014</td> </tr> <tr> <td>O HAK KWON</td> <td>01/06/2014</td> </tr> <tr> <td>HYE WON YANG</td> <td>01/07/2014</td> </tr> <tr> <td>JAE HUI CHOI</td> <td>01/22/2014</td> </tr> </tbody> </table>		Name	Execution Date	DONG HYUN KO	01/07/2014	SUNG SHIK EOM	01/08/2014	O HAK KWON	01/06/2014	HYE WON YANG	01/07/2014	JAE HUI CHOI	01/22/2014
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O HAK KWON	01/06/2014												
HYE WON YANG	01/07/2014												
JAE HUI CHOI	01/22/2014												
RECEIVING PARTY DATA													
Name:	LG CHEM, LTD.												
Street Address:	128, YEQUI-DAERO, YOUNGDUNGPO-GU,												
City:	SEOUL												
State/Country:	KOREA, REPUBLIC OF												
Postal Code:	150-721												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13949800</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13949800								
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Application Number:	13949800												
CORRESPONDENCE DATA													
Fax Number:	(202)496-7756												
Phone:	2024967500												
Email:	m1aip@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 2:	IP DEPARTMENT												
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20006												
ATTORNEY DOCKET NUMBER:	29137.00947.US00												
NAME OF SUBMITTER:	MARK R. KRESLOFF												

Signature:	/Mark R. Kresloff#42,766/
Date:	02/21/2014
Total Attachments: 8 source=2913700947US00ASS#page1.tif source=2913700947US00ASS#page2.tif source=2913700947US00ASS#page3.tif source=2913700947US00ASS#page4.tif source=2913700947US00ASS#page5.tif source=2913700947US00ASS#page6.tif source=2913700947US00ASS#page7.tif source=2913700947US00ASS#page8.tif	

Assignment of Application

WHEREAS, I (WE)	KO, Dong Hyun; EOM, Sung Shik; KWON, O Hak; YANG, Hye Won; CHOI, Jae Hui
	, respectively,
have invented certain new and useful improvements in:	
CATALYST COMPOSTIONS FOR HYDROFORMYLATION REACTION AND HYDROFORMYLATION PROCESS USING THE SAME	
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: 2014, Jan, 07 Donghyun Ko
(Signature of Inventor)
KO, Dong Hyun

Date: 2014, Jan, 08 [Signature]
(Signature of Inventor)
EOM, Sung Shik

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

Date: _____
(Signature of Inventor)
YANG, Hye Won

Date: _____
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CHOI, Jae Hui

McKenna Long & Aldridge LLP
Attorneys At Law
1900 K Street, N.W.
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(Signature of Inventor)
KO, Dong Hyun

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EOM, Sung Shik

Date: 01/06/2014
(Signature of Inventor)
Kwon Hak
KWON, O Hak

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YANG, Hye Won

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EOM, Sung Shik

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

Date: _____
(Signature of Inventor)
YANG, Hye Won

Date: 2014.1.30

(Signature of Inventor)
CHOI, Jae Hui

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KWON, O Hak

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EyeWon
(Signature of Inventor)
YANG, Hye Won

Date: _____
(Signature of Inventor)
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Washington, D.C. 20006