

PATENT ASSIGNMENT

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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>Sin Young KIM</td> <td>04/18/2012</td> </tr> <tr> <td>Kyung Ki HONG</td> <td>04/18/2012</td> </tr> <tr> <td>Hyuk YOON</td> <td>04/18/2012</td> </tr> <tr> <td>Won Cheul JU</td> <td>04/18/2012</td> </tr> <tr> <td>Yong Il CHO</td> <td>04/18/2012</td> </tr> <tr> <td>Moon Soo PARK</td> <td>04/18/2012</td> </tr> <tr> <td>Dong Ho KO</td> <td>04/18/2012</td> </tr> <tr> <td>Su Young RYU</td> <td>04/18/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sin Young KIM	04/18/2012	Kyung Ki HONG	04/18/2012	Hyuk YOON	04/18/2012	Won Cheul JU	04/18/2012	Yong Il CHO	04/18/2012	Moon Soo PARK	04/18/2012	Dong Ho KO	04/18/2012	Su Young RYU	04/18/2012
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Su Young RYU	04/18/2012																		
RECEIVING PARTY DATA																			
Name:	LG CHEM, LTD.																		
Street Address:	20, Yoido-dong, 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>13356463</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13356463														
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Application Number:	13356463																		
CORRESPONDENCE DATA																			
Fax Number:	(202)496-7756																		
Phone:	202-496-7500																		
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>																			
Correspondent Name:	McKenna Long & Aldridge LLP																		
Address Line 1:	1900 K Street, N.W.																		
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20006																		

CH \$40.00 13356463

ATTORNEY DOCKET NUMBER:	29137.00834.US00
NAME OF SUBMITTER:	Mark R. Kresloff (Reg. No. 42,766)
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

Assignment of Application

WHEREAS, I (WE)	Sin Young KIM, Kyung Ki HONG, Hyuk YOON, Won Cheul JU, Yong Il CHO, Moon Soo PARK, Dong Ho KO, Su Young RYU, respectively		
have invented certain new and useful improvements in:			
MASK			
for which an application for Letters Patent was executed on			
(Application No.	13/356,463	, Filed	January 23, 2012
), and			
WHEREAS,	LG CHEM, LTD.		
(hereinafter referred to as "ASSIGNEE I") 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.

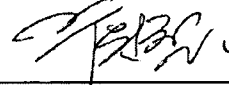
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute 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.

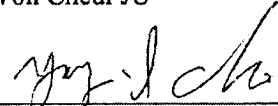
The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply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

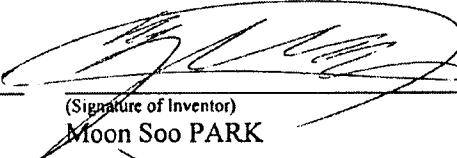
Date: April 18, 2012 
(Signature of Inventor)
Sin Young KIM

Date: April 18, 2012 
(Signature of Inventor)
Kyung Ki HONG

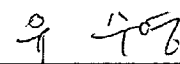
Date: April 18, 2012 
(Signature of Inventor)
Hyuk YOON

Date: 2012.4.18 
(Signature of Inventor)
Won Cheul JU

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Yong Il CHO

Date: April 18, 2012 
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Moon Soo PARK

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Dong Ho KO

Date: 2012.4.18 
(Signature of Inventor)
Su Young RYU

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1900 K Street, N.W.
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