

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																		
NATURE OF CONVEYANCE:	ASSIGNMENT																		
<b>CONVEYING PARTY DATA</b>																			
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Won-Jae MOON</td> <td>02/01/2010</td> </tr> <tr> <td>Sang-Oeb NA</td> <td>02/01/2010</td> </tr> <tr> <td>Yang-Han KIM</td> <td>02/01/2010</td> </tr> <tr> <td>Hyung-Young OH</td> <td>02/01/2010</td> </tr> <tr> <td>Young-Sik KIM</td> <td>02/01/2010</td> </tr> <tr> <td>Kil-Ho KIM</td> <td>02/01/2010</td> </tr> <tr> <td>Heui-Joon PARK</td> <td>02/01/2010</td> </tr> <tr> <td>Chang-Hee LEE</td> <td>02/01/2010</td> </tr> </tbody> </table>		Name	Execution Date	Won-Jae MOON	02/01/2010	Sang-Oeb NA	02/01/2010	Yang-Han KIM	02/01/2010	Hyung-Young OH	02/01/2010	Young-Sik KIM	02/01/2010	Kil-Ho KIM	02/01/2010	Heui-Joon PARK	02/01/2010	Chang-Hee LEE	02/01/2010
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Chang-Hee LEE	02/01/2010																		
<b>RECEIVING PARTY DATA</b>																			
Name:	LG CHEM, LTD.																		
Street Address:	20, Yoido-dong, Youngdungpo-gu																		
City:	Seoul																		
State/Country:	REPUBLIC OF KOREA																		
Postal Code:	150-721																		
<b>PROPERTY NUMBERS Total: 1</b>																			
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12705289</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12705289														
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Application Number:	12705289																		
<b>CORRESPONDENCE DATA</b>																			
Fax Number:	(202)496-7756																		
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																			
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ATTORNEY DOCKET NUMBER:	29137.568.00																		

CH \$40.00 12705289

**501092251**

**PATENT**  
**REEL: 023933 FRAME: 0436**

NAME OF SUBMITTER:

Matthew T. Bailey

Total Attachments: 3

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## Assignment of Application

WHEREAS, I (WE)	<b>MOON, Won-Jae; NA, Sang-Oeb; KIM, Yang-Han; OH, Hyung-Young; KIM, Young-Sik; KIM, Kil-Ho; PARK, Heui-Joon; LEE, Chang-Hee</b>
have invented certain new and useful improvements in:	
<b>APPARATUS FOR MANUFACTURING FLOAT GLASS</b>	
for which an application for Letters Patent was executed on	

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


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;

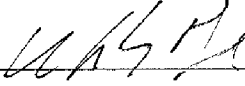
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United 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.

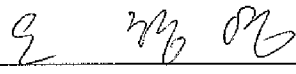
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute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

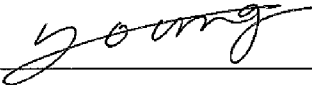
The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply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

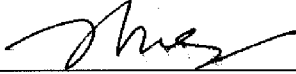
Date: 2010.2-1   
\_\_\_\_\_  
(Signature of Inventor)  
**MOON, Won-Jae**

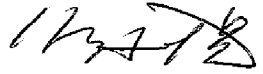
Date: 2010.2-1   
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**NA, Sang-Oeb**

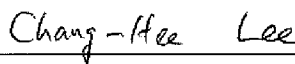
Date: 2010.2-1   
\_\_\_\_\_  
(Signature of Inventor)  
**KIM, Yang-Han**

Date: 2010.2-1   
\_\_\_\_\_  
(Signature of Inventor)  
**OH, Hyung-Young**

Date: 2010.2-1   
\_\_\_\_\_  
(Signature of Inventor)  
**KIM, Young-Sik**

Date: 2010.2-1   
\_\_\_\_\_  
(Signature of Inventor)  
**KIM, Kil-Ho**

Date: 2010.2-1   
\_\_\_\_\_  
(Signature of Inventor)  
**PARK, Heui-Joon**

Date: 2010.2-1   
\_\_\_\_\_  
(Signature of Inventor)  
**LEE, Chang-Hee**

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