

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Won-Jae MOON	07/13/2011
Yang-Han KIM	07/13/2011
Sang-Oeb NA	07/13/2011
Jeong-Deok KIM	07/13/2011
Heui-Joon PARK	07/15/2011
Jin HAN	07/13/2011
Woo-Hyun KIM	07/13/2011
Dong-Shin SHIN	07/13/2011
Jae-Han JUN	07/13/2011

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13207208

CORRESPONDENCE DATA

Fax Number: (202)496-7756
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 2024967106
 Email: mlaip@mckennalong.com
 Correspondent Name: McKenna Long & Aldridge LLP
 Address Line 1: 1900 K Street NW
 Address Line 2: Attorney Docket No. -----

CH \$40.00 13207208

Address Line 4: Washington, DISTRICT OF COLUMBIA 20006

ATTORNEY DOCKET NUMBER:

29137.00784.US00

NAME OF SUBMITTER:

Mark R. Kresloff

Total Attachments: 3

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Assignment of Application

WHEREAS, I (WE)	MOON, Won-Jae; KIM, Yang-Han; NA, Sang-Oeb;		
	KIM, Jeong-Deok; PARK, Heui-Joon; HAN, Jin; KIM, Woo-Hyun; SHIN, Dong-		
	Shin; JUN, Jae-Han	,	
respectively, have invented certain new and useful improvements in:			
FLOAT BATH FOR MANUFACTURING FLOAT GLASS AND COOLING METHOD OF 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;

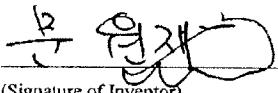
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United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

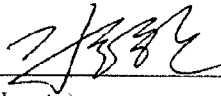
I (WE) hereby authorize and request the Patent Office Officials in the United States and Its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the 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.

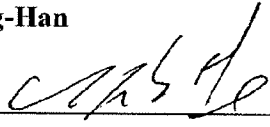
Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal

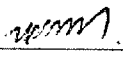
and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

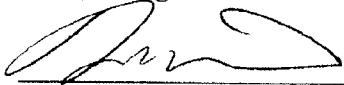
The undersigned hereby grant(s) the firm of McKenna Long & Aldridge LLP, Attorneys at Law, 1900 K Street, N.W., Washington, D.C. 20006 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply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

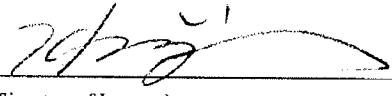
Date: July 13, 2011 
(Signature of Inventor)
MOON, Won-Jae

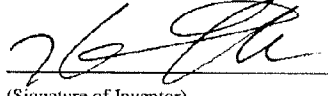
Date: 2011, July, 13 
(Signature of Inventor)
KIM, Yang-Han

Date: 07/13/2011 
(Signature of Inventor)
NA, Sang-Oeb


Date: 07/13/2011 
(Signature of Inventor)
KIM, Jeong-Deok

Date: 15/07/2011 
(Signature of Inventor)
PARK, Heui-Joon

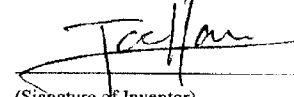
Date: 13. 07, 11 
(Signature of Inventor)
HAN, Jin

Date: 13. Jul. 2011 
(Signature of Inventor)
KIM, Woo-Hyun



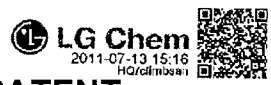
Date: 13 July 2011 
(Signature of Inventor)

SHIN, Dong-Shin

Date: 13 July 2011 
(Signature of Inventor)

JUN, Jae-Han

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



PATENT