502828557 05/29/2014

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
HYUN CHEOL KIM	08/13/2013
JE SIK JUNG	08/13/2013

RECEIVING PARTY DATA

Name:	LG CHEM, LTD.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	REPUBLIC OF KOREA
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14075729

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NAME OF SUBMITTER:	MARK R. KRESLOFF	
SIGNATURE:	/Mark R. Kresloff#42,766/	
DATE SIGNED:	05/29/2014	

Total Attachments: 2

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> **PATENT REEL: 032985 FRAME: 0579** 502828557

Assignment of Application

WHEREAS, I (V	VE) H	Hyun Cheol KIM, Je Sik JUNG and Do Won AHN				
				, respe	ctively,	
have invented certa	ain new	and useful in	provements in:			
MULTI	LAYEI	R FILM A	ND PHOTOVOL	TAIC MODULE		
for which an applic	cation fo	r Letters Pat	ent was executed on			
(Application No.	14/075,7	'29	, Filed	November 8, 2013), and	
WHEREAS,	LG CH	IEM , LTD.				
(hereinaster referre	ed to as " Yeongd	'ASSIGNEE leungpo-gu,	") having a place of t Seoul 150-721, Rep	ousiness at: oublic 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.



LG CHEM Ref.: G2012-0007US

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: Aug 13, 20/3
(Signature of Inventor)

KIM, Hyun Cheol

Date: Aug 13. 20/3 (Signature of Inventor) Just Je Sib.

JUNG, Je Sik

Date: ______(Signature of Inventor)

AHN, Do Won

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