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September 14, 2009

This document is being filed together with a new

To the Director or the U.S. Patent and Trademark Office: Plea

KIM, Dae Hyun; CHO, Jin Woo; SHIN, Dong Myung;

KIM, Ji Su; LIM, Min Young; KIM, Sung Hyun

3. Nature of Conveyance/Execution Date(s):

1. Name of conveying party(ies):

Additional name(s) of conveying party(ies)

Security Agreement

Joint Research Agreement

Government Interest Agreement

4. Application or patent number(s):

A. Patent Application No.(s): 12/448,724, filed July 2, 2009

X Assignment

Other

Execution Date(s):

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and Trademark Office: Please record the attached documents or the new address(es) below						
ies):	Name and address of receiving party(ies)					
o; SHIN, Dong Myung;	Name: LG CHEM, LTD.					
M, Sung Hyun	Internal Address:					
i						
es) Yes XNo	Street Address:	LG Twin Towers 20, Yeouido-dong				
cution Date(s):	/ 1001000	Yeongdeungpo-gu				
Merger						
Change of Name	City:	Seoul				
	State:					
ment	Country:	Republic of Korea				
	Zip:	150-721				
tember 14, 2009		Additional name(s) & Yes X No address(es) attached:				
ber(s):						
ed together with a new application.						
B. Patent No.(s):						
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Additional numbers attached? Yes X No						

Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:	1
Name: MCKENNA LONG & ALDRIDGE LLP	7. Total fee (37 CFR 3.41) \$	40.00
Internal Address: Atty. Dkt.: 29137.470.00	X Enclosed	
Street Address: 1900 K STREET, N.W.	X Authorized to be charged to d None required (government interes	•

8. Deposit account number: State: Zip: 50-0911 WASHINGTON DÇ 20006

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is/rue and/correct/and any attached copy is a true copy of the original document.

Matthew T. Bailey, Registration No.: 33,829

Name of Person Signing, Reg. No.

October 8, 2009 Date

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PATENT REEL: 023369 FRAME: 0340

Docket No.: 29137.470.00

Assignment of Application

WHEREAS, I (WE)	KIM, Dae Hyun; CHO, JinWoo; SHIN, Dong Myung; KIM, Ji Su; LIM, Min Young; KIM, Sung Hyun				
		, respectively,			
have invented certain new	and useful improvements in:				
INK C	OMPOSITION FOR ROLL	PRINTING			
for which an application for	Letters Patent was executed o	1			
(Application No.	Filed), and			

(Application No.	, Filed), and				
WHEREAS,	LG CHEM, LTD.					
(hereinafter referred to as "ASSIGNEE") having a place of business at:						
LG Twin Towers 20, Yeouido-dong, Yeongdeungpo-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.

Page 1 of 2

DC:50633959.1



PATENT REEL: 023369 FRAME: 0341

Docket No.: 29137.470.00

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.

KIM, Dae Hyun (Signature of Inventor) CHO, JinWoo SHIN, Dong Myung (Signature of Inventor) KIM, Ji Su LIM, Min Young KIM, Sung Hyun

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

> > Page 2 of 2

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REEL: 023369 FRAME: 0342