U.S. PTO

12/588921 11-09-2009 11/02/2009 ev. 09-08) MLA Version 10/01/08 RECORDATION FORM CO PATENTS OI 103580158 \_\_\_\_\_below To the Director or the U.S. Patent and Trademark Office: Please record 1. Name of conveying party(ies): Name and address of receiving party(ies) LEE, Dong-Wook, HAN, In Cheon, PARK, Jong-Cheol Name: LG CHEM, LTD. Internal Address: Additional name(s) of conveying party(ies) X No Street Yes 20, Yoido-dong attached? Address: 3. Nature of Conveyance/Execution Date(s): Youngdungpo-gu X Assignment Merger Security Agreement Change of Name City: Seoul Joint Research Agreement State: Government Interest Agreement Country: Republic of Korea Other Zip: 150-721 Additional name(s) & X No February 18, 2009 Yes Execution Date(s): address(es) attached: 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s): B. Patent No.(s): , filed Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and concerning document should be mailed: patents involved: Name: MCKENNA LONG & ALDRIDGE LLP 40.00 7. Total fee (37 CFR 3.41) \$ Internal Address: Atty. Dkt.: 29137.031.10 **Enclosed** Street Address: Authorized to be charged to deposit account 1900 K STREET, N.W. None required (government interest not affecting title) 8. Deposit account number:

Statement and signature.

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

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

Name of Person Signing, Reg. No.

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20006

November 2, 2009 Date

Total number of pages including cover sheet, attachments, and documents:

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PATENT REEL: 023496 FRAME: 0804

Docket No.:	_
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## **Assignment of Application**

WHEREAS, 1	(WE)	Dongrae-gu, Busai	n-city 607- ing, Songp I of 104-1	763, Kora 1-gu, Seo Munji-do	ai apt., Bokcheon-dong, ea; HAN, In-Cheon of ul 138-110, Korea; and, ng, Yuseong-gu,	
have invented certain	in new ar	nd useful improveme	nts in:			
					ECTRO-MAGNETIC TER USING THE SAME	
for which an applica	ation for	Letters Patent was e	xecuted on			
					·	
(Application No.			, Filed		), and	
WHEREAS,	LG Chem, Ltd.					
		'ASSIGNEE") havin ngpo-gu, Seoul 150-				

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 FTVE 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

PATENT REEL: 023496 FRAME: 0805 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: 18 Feb. 2005

(Signature of Inventor)

LEE, Dong-Wook

Date: 18 Feb. 2005

Halleon

(Signature of Inventor)

HAN, In-Cheon

Date: 18 Feb. 2005

(Signature of Inventor)

PARK, Jong-Cheol

McKenna Long & Aldridge LLP
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PATENT

**REEL: 023496 FRAME: 0806** 

**RECORDED: 11/02/2009**