## LAPOSRec'd PCT 17 DEC 2008

12-23-2009 Based on Form PTO-1595 (Rev. 09-08) MLA Version 10/01/08 RSHEET 103584247 attached documents or the new address(es) below To the Director or the U.S 2. Name and address of receiving party(ies) 1. Name of conveying party(ies): 1) KIM, Kyeong Hwan Name: LG ELECTRONICS INC 2) JO, Il Hyeon internal Address: 3) CHANG, Jin Ho Additional name(s) of conveying party(ies) Street X No Yes 20 Yeouido-dong attached? Address: 3. Nature of Conveyance/Execution Date(s): Yeongdeungpo-gu X Assignment Merger Change of Name Security Agreement City: Seoul Joint Research Agreement State: Government Interest Agreement Country: Republic of Korea 150-721 Zip: 1&3) Sept. 29, 2009; Additional name(s) & Х No Yes address(es) attached: Execution Date(s): 2) Oct. 19, 2009 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): 12/450,509, filed September 29, 2009 Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: MCKENNA LONG & ALDRIDGE LLP 7. Total fee (37 CFR 3.41) 40.00 \$ Internal Address: Atty. Dkt.: 9988.696.00 X 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: State: Zip: City: 50-0911 WASHINGTON 20006 DC 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Michael I. Angert, Registration No.: 46,522 December 17, 2009 Name of Person Signing, Reg. No. Date Total number of pages including cover sheet, attachments, and documents:

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40.00 OP

DC:50657364.1

PATENT REEL: 023703 FRAME: 0088

Docket No.: 9988.696.00

## **Assignment of Application**

WHEREAS,	I (WE)	Kyeong Hwan KIM, Il Hyeon JO, Jin Ho CHANG				
					, respe	ectively,
have invented cert	ain new a	nd useful imp	rovements in:		<del></del>	
WASHING	MACHIN	VE AND ME	THOD OF CO	NTROLLING T	HE SAN	ME
for which an application for Letters Patent was executed on						
	· · · · · · · · · · · · · · · · · · ·					
(Application No.	12/450,5	<b>309</b>	, Filed	September 29,	2009	), and
WHEREAS,	LG Elec	tronics Inc.				
(hereinafter referre	ed to as "A	ASSIGNEE")	having a place	of business at:		

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;

20 Yeouido-dong, Yeongdeungpo-gu, Seoul, 150-721 Republic of Korea

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.

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PATENT REEL: 023703 FRAME: 0089 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:	2007. 9. 29	(Signature of Inventor) - Kyeong Hwan KIM
Date:	209.10,18	(Signature of Inventor) Il Hyeon JO
Date:	2009.9.29	(Signature of Inventor) Jin Ho CHANG
Date:		(Signature of Incontor)

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

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**RECORDED: 12/17/2009** 

PATENT REEL: 023703 FRAME: 0090