PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYOUNGJUN PARK	10/02/2013
JONGMI CHOI	10/02/2013
MUSEUNG KIM	10/02/2013
YANGHWAN KIM	10/02/2013

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.
Street Address:	20 YEOUIDO-DONG, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14040176

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. 9988.00824.US00
Address Line 4: WASHINGTON, DISTRICT OF COLUMBIA 20006

Signature:	/Bruce B. Vance #66187/
NAME OF SUBMITTER:	BRUCE B. VANCE
ATTORNEY DOCKET NUMBER:	9988.00824.US00

502517799 REEL: 031327 FRAME: 0582

14040176

Date: 10/02/2013

Total Attachments: 2
source=9988_00824_US00_Assignment#page1.tif
source=9988_00824_US00_Assignment#page2.tif

PATENT REEL: 031327 FRAME: 0583

Docket No.: 9988,00824.US00

Assignment of Application

	Yanghwan KIM:	* ************************************
		, respectively.
have invented c	ertain new and useful improvements in:	
	ELECTRIC PRODUCT	
for which an ap	plication for Letters Patent was executed on	

	(Application No.), and
******	WHEREAS.	LG ELECTRONICS INC.
(hereinafter referred to as "ASSIGNEE") having a place of business at: 20 Yeouido-dong, Yeongdeungpo-gu, Seoul 150-721 Republic of Korea		
		, Yeongdeungpo-gu, Seoul 180-721 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.

1

DC 51052365.3

Docket No.: 9988.00824.US00

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: 2013. 10.2 (Signature of laventer)

Hyoungjun PARK

Date: 2013. 10.2 (Signature of laventer)

Jongmi CHOI

Date: 2013. 10.2 (Signature of laventer)

Museung KIM

Date: 2013. 10.2 (Signature of laventer)

Yanghwan KIM

McKenna Long & Aldridge LLP

Attorneys At Law 1900 K Street, N.W. Washington, D.C. 20006