504048312 10/13/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
BONGSOO SON	10/03/2016	
DONGHWI PARK	10/03/2016	
HYOSEONG GWANG	10/04/2016	

RECEIVING PARTY DATA

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State/Country:	KOREA, REPUBLIC OF
City:	SEOUL
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
Name:	LG ELECTRONICS INC.

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15303702

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email:mlaip@dentons.comCorrespondent Name:DENTONS US LLPAddress Line 1:1900 K STREET, NW

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ATTORNEY DOCKET NUMBER:	9988.00946.US00	
NAME OF SUBMITTER: BRUCE B. VANCE		
SIGNATURE:	/Bruce B. Vance/	
DATE SIGNED:	10/13/2016	

Total Attachments: 2

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PATENT 504048312 REEL: 040003 FRAME: 0448

Docket No.:

16FLWW075US02_IJM

Assignment of Application

WHEREAS,	I (WE)	SON, Bon	igsoo; PARK,	Don	ghwi and GWA	.G, Hyo	seong
		}				, respe	ctively,
have invented certa	in new a	ınd useful in	nprovements i	1:			***************************************
	*****************	D	ISHWASHEF)	***************************************	***************************************
for which an applic	cation for	r Letters Pat	ent was execu	ed or	n		
(Application No.	15/303,	,702	, Fil	ed	October 12, 2010	3), and
WHEREAS,	LG EL	ECTRONIC	CS INC				
(hereinafter referre 128, Yeoui-daero,			, , ,				

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.

Docket No.:

16FLWW075US02_UM

The undersigned hereby gram(s) the firm of Dentons, 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: 0 cf . 01. > 16	San Aungsoa
Date: <i>Oct.</i> 03. 2016	Signature of Inversory SON, Bongson
0rt ov 2016	(Signature of Inventor) PARK, Donghwi GWAG Hardanna
Date:	(Signature of Inventor) GWAG, Hyoscong
Date:	(Signature of Inventor).
Date:	(Signature of Inventor)
Date:	(Signature of Inventor).

Dentons US LLP 1900 K. Street, N.W. Washington, D.C. 20006

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Page 2 of 2

PATENT REEL: 040003 FRAME: 0450