504198723 01/26/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
SANGWON KIM	01/26/2017
YOUNGDAE LEE	01/26/2017
SUNGHOON JUNG	01/26/2017

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14910481	

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ATTORNEY DOCKET NUMBER:	8737.01417.US00
NAME OF SUBMITTER:	MARK R. KRESLOFF
SIGNATURE:	/Mark R. Kresloff/
DATE SIGNED:	01/26/2017

Total Attachments: 2

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PATENT 504198723 REEL: 041097 FRAME: 0132

Docket No.: 8737,01417.US00

Assignment of Application

WHEREAS,	I (WE)	Sangwon KIM, Youngdae LEE, Sunghoon JUNG				
		·			, respectively,	
have invented cert	ain new a	and useful in	provements in:		•••••	
METHOD AND			RFORMING OPE HETEROGENEC	RATION RELATE DUS NETWORK	D TO RADIO	
for which an appli	cation for	r Letters Pate	ent was executed	on		
(Application No.	14/910	,481	, Filed	February 5, 2016	i), and	
WHEREAS,	LG ELECTRONICS INC.					
(hereinafter referre 128, Yeoui-daero				of business at: Republic of Kore	a	

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.: 8737,01417,US00

The undersigned hereby grant(s) the firm of Dentons US 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.

SangWon Kin 144 Date:___2017-01-26_____ (Signature of Inventor) Sangwon KIM Young De lee Jette Date: 2017-01-26 (Signature of Inventor) Youngdae LEE Say Hon Juy /w Date: 2017-01-26 (Signature of Inventor) Sunghoon JUNG

> **Dentons US LLP** Attorneys At Law 1900 K. Street, N.W. Washington, D.C. 20006

RECORDED: 01/26/2017