PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MYUNGJUNE YOUN	04/03/2017
TAEHUN KIM	03/31/2017
HYUNSOOK KIM	04/03/2017

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15976075

CORRESPONDENCE DATA

Fax Number: (213)623-2211

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.

Phone: 213-623-2221

Email: PATENT@LHLAW.COM

Correspondent Name: LEE, HONG, DEGERMAN, KANG & WAIMEY

Address Line 1: 660 S. FIGUEROA STREET

Address Line 2: SUITE 2300

Address Line 4: LOS ANGELES, CALIFORNIA 90017

ATTORNEY DOCKET NUMBER:	2101-70947C1	
NAME OF SUBMITTER:	MICHAEL E. MONACO	
SIGNATURE:	/Michael Monaco/	
DATE SIGNED:	05/10/2018	

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ASSIGNMENT

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(1-8)	Insert Name(s) of Inventor(s)	(2)	Myungjune YOUN Taehun KIM Hyunsook KIM	(5) (6) (7) (8)	
			valuable considerati	ie sum of one dollar (\$1.00) and offices one paid to each of the under to assign, and hereby does assign,	irsigned, the
(9)	Insert name of Assignee	(9)	LG Electronics Inc.		
(10)	Insert state of Incorporation of Assignee	(10) Republic of Korea		
(11)	Insert address of Assignee	(11) 128, Yeoui-daero, Ye	ongdeungpo-gu, Seoul, 07336, Repu	blic of Korea
			reinafter designated as rest in the invention kn	the Assignee) the entire worldwide i own as	right, title and
(12)	Insert identification of Invention, such as Title, Case Number or Foreign Application Number	(12	for which the undersi- in the United States of	TRANSMITTER AND RECEIVER pried has (have) executed an applicat of America and all patent applicationsing thereto or based thereon.	ion for patent in foreign
divisi exect exper	onal and continuing United S ute separate assignments in	tates	and foreign application	necessary in connection with any crons for the above-identified inventionations as the Assignee may deem	n and also to
which Assig	n may be declared concerning	this	application or continu	ers necessary in connection with an ation or division thereof and to coop forward with such interference.	ly interference verate with the
				and documents and perform any act emational Convention for Protection	
ofav	4) The undersigned agaid United States patent to the	gree(a Ass	s) to perform all affirma	tive acts which may be necessary to	obtain a grant
applic (they	etters Patents of the United S cations thereof to the said As have) full right to convey the ement in conflict herewith.	tates signe entir	resulting from said ap se, as Assignee of the e interest herein assign	est(s) the Commissioner of Patents to plication or any division or divisions entire interest, and hereby covenan ned, and that he has (they have) not ociated with Customer No. 0358	or continuing to that he has executed any
the ru	ert on this assignment any furt ules of the United States Palen	her i	dentification which may	be necessary or desirable in order to	comply with
Date:			, v	niune Youn	
	March 1/ Lot Signati	ire o	f Inventor (2) TAEH	UH KIM	
Date:	April 3,2019 Signati	are o	f Invenior (3) // ////	usook King	