504187327 01/19/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BONGHOE KIM	09/01/2016
SUCKCHEL YANG	09/02/2016
YUNJUNG YI	09/01/2016

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:	15327624

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

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

Address Line 1: 660 S. FIGUEROA STREET

Address Line 2: **SUITE 2300**

Address Line 4: LOS ANGELES, CALIFORNIA 90017

ATTORNEY DOCKET NUMBER:	2101-70558
NAME OF SUBMITTER:	JUSTIN D. LEE
SIGNATURE:	/Justin D. Lee/
DATE SIGNED:	01/19/2017

Total Attachments: 1

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PATENT REEL: 041021 FRAME: 0375

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			ASSIGNMENT		
	(1-8)	Insert Name(s) of Inventor(s)	(1) KIM, Bonghoe	(5)	
			(2) YANG, Suckchel	(6)	
			(3) YI, Yunjung	(7)	
			(4)	(8)	
			valuable considerations	e sum of one dollar (\$1.00) and other good paid to each of the undersigned, the undersi hereby does assign, transfer and set over to	
	(9)	Insert name of Assignee	(9) LG ELECTRONICS INC.		
	(10)	Insert state of Incorporation of Assignee	(10) Korea		
(11)	(11)	Insert address of Assignee	(11) 128, Yeoui-daero Yeo	ngdeungpo-gu Seoul 07336	
• •		_	Republic of Korea		
			(hereinafter designated as the interest in the invention known	e Assignee) the entire worldwide right, title and n as	
(12) Insert identification of Invention, such as Title, Case Number or Foreign		ING OR TRANSMITTING UPLINK SIGNAL IN ON SYSTEM AND APPARATUS THEREFOR			
Application Number				ed has (have) executed an application for paten erica and all patent applications in foreign coun r based thereon.	
		onal and continuing United State	s and foreign applications for t	cessary in connection with any original, reissu he above-identified invention and also to execu signee may deem necessary or expedient.	
			ication or continuation or divisi	cessary in connection with any interference which on thereof and to cooperate with the Assignee th interference.	
	neces			d documents and perform any act which may be all Convention for Protection of Industrial Proper	
	a vali	d United States patent to the Ass	ignee.	acts which may be necessary to obtain a grant	
		o) The undersigned her	eny authorize(s) and request(s) the Commissioner of Patents to issue any and	,

all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

The undersigned hereby appoints the Attorneys associated with Customer No. 035884 the power to insert on this assignment any further identification 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:	2016.9.1	Signature of Inventor	Ler
Date:	2016, 9, 2	Signature of Inventor	MIL
Date:	2016/9/1	Signature of Inventor	7

beaution. REEL: 041021 FRAME: 0376/6/58