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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOUNGDAE LEE	03/21/2019
SANGWON KIM	03/21/2019
JAEWOOK LEE	03/25/2019

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number				
Application Number:	16347320				

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.

Phone: 202-496-7500

Email: mlapto@dentons.com

Correspondent Name: DENTONS US LLP

Address Line 1: 1900 K. STREET, N.W.

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	8737.02318.US00
NAME OF SUBMITTER:	MARK R. KRESLOFF
SIGNATURE:	/Mark R. Kresloff/
DATE SIGNED:	05/03/2019

Total Attachments: 4

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Assignment of Application

WHEREAS,	I (WE)	LEE, Youngdae; KIM, Sangwon and LEE, Jaewook					
•						, respe	ctively,
have invented certa	in new a	and useful improveme	nts in:				
METHOD AND I	DEVICE	FOR RECEIVING	SYSTE	ΜI	NFORMAT	ΓΙΟΝ	
for which an applic	cation for	r Letters Patent was e	xecuted o	on			
(Application No.			Filed), and
WHEREAS,	LG EL	ECTRONICS INC.					•
(hereinafter referre	d to as ".	ASSIGNEE") having	a place o	of bu	usiness at:		
128, Yeoui-daero,	Yeongde	eungpo-gu, Seoul 073	36, Korea	<u> </u>			

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), and for other good and valuable consideration, the receipt whereof is hereby acknowledged, I (WE), by these presents hereby agree to sell, assign and transfer unto said ASSIGNEE, and ASSIGNEE'S heirs, successors, and assigns, 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 provisional, non-provisional, divisional, continuation, continuation-in-part, substitute, and reissue applications, and all Letters Patent, extensions, reissues, and reexamination certificates which may be granted therefore in the United States and its territorial possessions and in any and all foreign countries.

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 perform all affirmative acts which may be necessary 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

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invention in the United States and its territorial possessions and in any and all foreign countries.

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.

Date: 2019-03-21	Young De lee Otto	
	(Signature of Inventor) LEE, Youngdae	
Date: 2019-03-21	Sangwon kin 1492	
	(Signature of Inventor) KIM, Sangwon	
Date:		
	(Signature of Inventor)	
	LEE, Jaewook	

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

Assignment of Application

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for which an applic	cation for	r Letters Patent was o	executed o	n		-	
							-
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WHEREAS,	LG EL	ECTRONICS INC.					L.,
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128, Yeoui-daero,	Yeongde	eungpo-gu, Seoul 073	36, Korea	1			

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Date:	
	(Signature of Inventor)
	LEE, Youngdae
Date:	
	(Signature of Inventor)
	KIM, Sangwon
Date: March 25, 2019	JaeWook Lee Lex
	(Signature of Inventor)
	LEE, Jaewook

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

> PATENT REEL: 049072 FRAME: 0183

RECORDED: 05/03/2019