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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
JAEHYUN KIM	04/30/2019
TAEHUN KIM	04/29/2019
HYUNJUNG CHOE	04/29/2019
SANGMIN PARK	04/29/2019

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:	16348257

CORRESPONDENCE DATA

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Correspondent Name: DENTONS US LLP

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

Address Line 4: WASHINGTON, D.C. 20006

ATTORNEY DOCKET NUMBER:	8737.02312.US00
NAME OF SUBMITTER:	MARK R. KRESLOFF
SIGNATURE:	/Mark R. Kresloff/
DATE SIGNED:	05/08/2019

Total Attachments: 4

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> PATENT REEL: 049113 FRAME: 0061

EPAS ID: PAT5512214

Assignment of Application

WHEREAS, I	(WE)	KIM, Jaehyun; KIM PARK, Sangmin	A, Tae	hun; CHO	E, Hyunjung at	nd
			•		, respec	tively,
have invented certa	in new a	and useful improvemen	ts in:			
METHOD FOR T	RANSI	MITTING RRC MES	SAGE	AND WII	RELESS DEVIC	CE
for which an applica	ation for	r Letters Patent was ex-	ecuted	on		
				·············		
(Application No.]	Filed), and
WHEREAS,	LG EL	ECTRONICS INC.				
(hereinafter referred	l to as "	ASSIGNEE") having a	place	of business	s at:	
			•			
128, Yeoui-daero, Y	/eongde	eungpo-gu Seoul 07336	Kore	а		

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

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17ASL802PC01US01

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.

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.

JAZHYUN KZM
(Signature of Inventor) KIM, Jaehyun
(Signature of Inventor) KIM, Taehun
(Signature of Inventor) CHOE, Hyunjung
(Signature of Inventor) PARK, Sangmin

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

> PATENT REEL: 049113 FRAME: 0063

Assignment of Application

WHEREAS,	I (WE)	(WE) KIM, Jaehyun; KIM, Taehun; CHOE, Hyunjung and PARK, Sangmin				
				 	, respe	ctively,
have invented certain new and useful improvements in:						
METHOD FOR T	TRANSI	AITTING RRC MES	SAGE A	AND WI	RELESS DEVI	CE
for which an application for Letters Patent was executed on						
(Application No.		I	Filed), and
WHEREAS,	LG ELECTRONICS INC.					
(hereinafter referre	d to as "A	ASSIGNEE") having a	place o	f busines	ss at:	
128, Yeoui-daero, Yeongdeungpo-gu Seoul 07336, Korea						

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;

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Date:	
	(Signature of Inventor) KIM, Jachyun
Date: April 29, 2019	TAEHUN KIM S
	(Signature of Inventor) KIM, Taehun
Date: April 29, 2019	Agent .
	(Signature of Inventor)
	CHOE, Hyunjung
Date: April 29, 2019	SANG MIN PARK
	(Signature of Inventor)
	DADK Sanomin

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RECORDED: 05/08/2019