505502956 05/31/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MINSUB KIM	08/08/2018
SOOKYUNG KANG	08/08/2018
HYUNGKI KIM	08/08/2018
TAEHYUN SUNG	08/08/2018
KYUKWAN CHOI	08/08/2018
SUNGKYONG HAN	08/08/2018

RECEIVING PARTY DATA

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State/Country:	KOREA, REPUBLIC OF
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PROPERTY NUMBERS Total: 1

Property Type Number	
Application Number:	35505513

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ATTORNEY DOCKET NUMBER:	0465-6963PUS1
NAME OF SUBMITTER:	PHILLIP R. TASHJIAN
SIGNATURE:	/Phillip R. Tashjian/
DATE SIGNED:	05/31/2019

Total Attachments: 3

PATENT REEL: 049331 FRAME: 0204

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> PATENT REEL: 049331 FRAME: 0205

BIRCH, STEWART, KOLASCH & BIRCH, LLP

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ASSIGNMENT

Application	35/505,513	Filed:	February 23, 2018			
No.:						
Insert Name(s	***(Given Name FAMILY NAM)WHEREAS,	IE (ALL CAPS))***			
Inventor(s)	(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in:					
Insert Title of Invention						
	for which an application undersigned (except in the c		s Patent of the United States of America has been executed by the ovisional application)			
Insert Date of Signing of Appln.	on					
Insert Name of Assignee	WHEREAS, LG Electronics	Inc.				
Insert Address of Assignee	of 128, Yeoui-daero, Yeongd	leungpo-g	u, Seoul, 07336, Republic of Korea,			
		tle and inte	rives and assigns (hereinafter designated as the Assignee) is desirous of erest in and to said invention and in and to any Letters Patent(s) that may be of America and			
Check Box if Appropriate	in any foreign countrie	es.				
	undersigned has (have) sold unto said Assignee the ful territories, dependencies an Patent(s) which may be gr possessions, and if the box	l, assigned I and exc nd possess anted the above is d	aluable consideration, the receipt of which is hereby acknowledged, the and transferred, and by these presents does (do) sell, assign and transfer lusive right to the said invention in the United States of America, its ions and the entire right, title and interest in and to any and all Letters refor in the United States of America, its territories, dependencies and lesignated, in any and all foreign countries; and to any and all divisions, and extensions thereof for the full term or terms for which the same may			

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<OrgName>

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0465-6963PUS1 Attorney Docket No.:

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of (a) valid United States of America patent(s) or a grant of (a) valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patent(s) resulting from said application or any continuing, divisional conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of Birch, Stewart, Kolasch & Birch, LLP 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 U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment. In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s)

Date_August 8, 2018	Name of Inventor	(Signature) Minsub KIM
Date August 8, 2018	Name of Inventor	(Signature) Sookyung KANG
Date August 8, 2018	Name of Inventor	(Signature) Hyungki KIM
Date August 8, 2018	Name of Inventor	(Signature) Taehyun SUNG
Date August 8, 2018	Name of Inventor	(Signature) Kyukwan CHOI

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0465-6963PUS1 Attorney Docket No.:

Date August 8, 2018

Name of Inventor

(Signature) Sungkyong HAN

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