PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KOKEUN KIM	08/14/2019
SOOYOUNG SIM	08/16/2019
BEOMOH KIM	08/16/2019
SUNGJIN KIM	08/16/2019

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.
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City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16488928

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NAME OF SUBMITTER:	JUSTIN D. LEE
SIGNATURE:	/Justin D. Lee/
DATE SIGNED:	08/26/2019

Total Attachments: 1

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PATENT REEL: 050174 FRAME: 0209

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ASSIGNMENT

(1-8)	Insert Name(s) of Inventor(s)	(1)	Kokeun KIM	(5)	
		(2)	Seeyoung SIM	(6)	
		(3)	Beomoh KIM	(7)	
		(4)	Sungjin KIM	(8)	
			valuable consideratio	sum of one dollar (\$1.0 ns paid to each of to assign, and hereby do	the understaned 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, Yeo	ngdeungpo-gu, Seoul, 073	336, Republic of Korea

- (12) Insert identification of Invention, such as Title. Case Number or Foreign Application Number
- (12) ELECTRIC DEVICE AND CONTROL METHOD THEREOF for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

(hereinafter designated as the Assignee) the entire worldwide right, title and

The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

interest in the invention known as

- The undersigned agree(s) to execute all papers necessary in connection with any interference 2) which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for 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 patent to the Assignee.
- The undersigned hereby 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: <u>AVA. 14, 2019</u>	Signature of Inventor (1)		
& 88	Signature of Inventor (2)_	to a con the dispersion	
Date: 6.2019	Signature of Inventor (3)_	WE	
Date: Awa 16.2019	Signature of Inventor (4) _	71 전7년	

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