## 506069967 05/21/2020 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
Bohyun NAM		04/04/2017
Namhee KIM		04/17/2017
Jinju KIM		04/04/2017
Hyeonjeong AN		04/04/2017
Jungbae HWANG		04/26/2017
Philjae HWANG		04/26/2017
Mantae HWANG		04/26/2017
Eunji SUNG		04/25/2017
Taekgi LEE		04/26/2017

RECEIVING PARTY DATA		
Name:	LG Electronics Inc.	
Street Address:	128, Yeoui-daero, Yeongdeungpo-gu Seoul 07336	
Internal Address:	Republic of Korea	
City:	Seoul	
State/Country:	Republic of Korea	
Postal Code:	07336	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16711155

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: 20519-0305008

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PATENT REEL: 052720 FRAME: 0531

NAME OF SUBMITTER:	LAURA MURPHY
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DATE SIGNED:	05/21/2020
Total Attachments: 4	
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Attorney Docket No. 20519-0305001

PATENT

## ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s)

(1) Bohyun NAM(2) Namhee KIM

(3) Jinju KIM

(4) Hyeonjeong AN

(5) Jungbae HWANG(6) Philjae HWANG(7) Mantae HWANG(8) Eunji SUNG(9) Taekgi LEE

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

- (9) Insert name of Assignee
- (9) LG Electronics Inc.(10) Republic of Korea
- (10) Insert state of Incorporation of Assignee

(11) Insert address of Assignee

(11) 128, Yeoui-daero, Yeongdeungpo-gu, Seoui, 07336, Republic of Korea (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

 

 (12) Insert identification of Invention, such as Title,
 (12) CLEANER

 Invention, such as Title,
 for which the undersigned has (have) executed an application for patent Case Number or Foreign

 Application Number
 in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.

1) 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.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference 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.

3) 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.

4) 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.

5) 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:	Signature of Inventor (1)
Date:	Signature of Inventor (6)
Date:	Signature of Inventor (7)
Date:	Signature of Inventor (8)
Date:	Signature of Inventor (9)

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Oate:		
Date: 2019. 4.17	Signature of Inventor (2)	76 45 24
Date:	-	
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Date	Signature of Inventor (9)	

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Date:	Signature of Inventor (3)
Date:	Signature of Inventor (4)
Date: <u>2011,04,94</u>	Signature of Inventor (5)
Date: <u>20/7.02,26</u>	Signature of Inventor (6)
Date: <u>2#17:04.25</u>	Signature of inventor (7)
Date: <u>2019 04 015</u>	Signature of inventor (8)
Date: <u>2017.04</u>	Signature of inventor (9)

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