#### 10/01/2019 505702178

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JAEWON LEE	07/12/2018
SEUNGWOO RYU	07/12/2018
JOOHEE LEE	07/12/2018
JUNYOUNG JUNG	07/12/2018
JAEWAN KIM	07/12/2018
SANGJO PARK	07/12/2018

### **RECEIVING PARTY DATA**

Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16590287

## **CORRESPONDENCE DATA**

505702178

Fax Number: (213)623-2211

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: 213-623-2221

Email: PATENT@LHLAW.COM

LEE, HONG, DEGERMAN, KANG & WAIMEY **Correspondent Name:** 

Address Line 1: 660 S. FIGUEROA STREET

Address Line 2: **SUITE 2300** 

Address Line 4: LOS ANGELES, CALIFORNIA 90017

ATTORNEY DOCKET NUMBER:	2060-5761C1
NAME OF SUBMITTER:	JUSTIN D. LEE
SIGNATURE:	/Justin D. Lee/
DATE SIGNED:	10/01/2019

**PATENT** REEL: 050591 FRAME: 0109 **Total Attachments: 1** 

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PATENT REEL: 050591 FRAME: 0110

#### ASSIGNMENT

(1-8)		(1) Jaewon LEE	(5) Jaewan KIM
inventor(s)	(2) Seungwoo RYU	(6) Sangjo PARK	
		(3) Joahee LEE	(7)
		(4) Junyoung JUNG	(8)
		valuable considerations	sum of one dollar (\$1.00) and other good and spaid to each of the undersigned, the assign, and hereby does assign, transfer and
(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		gdeungpo-gu, Seoul, 07336, Republic of Korea a Assignee) the entire worldwide right, title and

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

for which the undersigned has (have) executed an application for patent

(12) MOBILE TERMINAL

- 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: Zy 12,201	Signature of Inventor (1)
Date: July 12 2014	Signature of Inventor (2)
Date: July 12, 2018	Signature of Inventor 14 300 ec
Date: 2/1/12, 10/d	Signature of Inventor (4)
Date: July 12,20/8	Signature of Inventor (5)
Date: July, 12, 2018	
7	

PATENT REEL: 050591 FRAME: 0111

**RECORDED: 10/01/2019** 

(12) Insert identification of

Invention, such as Title,