503939339 08/01/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hyeongjin IM	04/12/2016
Saekyu PARK	05/23/2016
Eunju LEE	05/23/2016
Byeongki KANG	05/23/2016
Seijun LIM	04/22/2016
Chulbae LEE	05/17/2016

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:	15115359

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	19819-0679US1	
NAME OF SUBMITTER:	SHARON M. ALLEN	
SIGNATURE:	/Sharon M. Allen/	
DATE SIGNED:	08/01/2016	

PATENT 503939339 REEL: 039299 FRAME: 0323

Total Attachments: 3

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PATENT REEL: 039299 FRAME: 0324 Attorney Docket No.: 19819-0679US1 / OPP-BZ-2015-0097-US-00/HE;15FLSR006US03

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, Hyeonglin IM, Saekvu PARK, <a href="Eunju LEE, <a href="Eunju LEE, Bueongki KANG, Seijun LIM, and <a href="Chulbae LEE, each individually assign to LGE Electronics Inc., a corporation formed under the laws of KOREA and having a principal place of business at 128, <a href="Yeoui-daero, <a href="Yeoui-daero, <a href="Yeoui-daero, <a href="Yeoui-daero, <a href="Yeoui-daero, Yeongdeungpo-gu, <a href="Yeoui-daero, Yeongdeungpo-gu, <a href="Yeoui-daero, Yeongdeungpo-gu, Yeongdeung

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Assignment Page 1 of 3

REEL: 039299 FRAME: 0325

Saekyu PARK Eunfu LEE Byeongki KANG	Date: 2016. 5.23 Date: 2016. 5.23
Byeongki KANG	
Byeongki KANG	. 11 533
	Date: 3016, 5.23
Seijun LIM	Date:
Chulbae LEE	Date: _ 2916 . 5 . 17
The Assignee hereby acknowledges and accordance: LG ELECTRONICS INC.	epts the foregoing assignment.
Signature:	Date: 09/06/2016
Name: JongJin Lim	J400
Title: Patout Managor	

Assignment Page 2 of 3

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REEL: 039299 FRAME: 0326

Attorney Docket No.: 19819-0679US1 / OPP-BZ-2015-0097-US-00/HE;15FLSR006US03

łyeongjin IM	Date:
Saekyu PARK	Date:
Cunju LEE	Date:
Byeongki KANG	Date:
Seifun LIM	Date: April 22, 2016
Chulbae LEE	Date:
The Assignee hereby acknowledges an Assignee: LG ELECTRONICS INC.	nd accepts the foregoing assignment.
417	Date: ot/06/2016
Title: Patent Manager	

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REEL: 039299 FRAME: 0327