505683294 09/20/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEKWANG YOUN	09/18/2019
YOUNGDON KIM	09/18/2019
HYUNSUN YOO	09/18/2019
JAEHUNG CHUN	09/18/2019
YOUSOOK EUN	09/18/2019
JOOGYEOM KIM	09/18/2019
SUNGKYUNG KIM	09/18/2019
MYONGSUN KIM	09/18/2019

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:	16576227

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	T NUMBER: 2832-1023PUS1	
NAME OF SUBMITTER:	PHILLIP R. TASHJIAN	
SIGNATURE:	/Phillip R. Tashjian/	

PATENT 505683294 REEL: 050445 FRAME: 0624

 DATE SIGNED:
 09/20/2019

 Total Attachments: 2
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PATENT REEL: 050445 FRAME: 0625

ASSIGNMENT

This Assignment assigns, in addition to the Subject Matter of the Application, (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 and under every treaty or convention, (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;

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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.

of my of	Date: 09/18/2019
Jekwang YOUN	
16 06 至 分	Date: <u>09/18/2019</u>
Youngdon KIM	
<i>4</i> 26	Date: <u>09/18/2019</u>
Hyunsun YOO	
전 제 흥	Date: <u>09/18/2019</u>
Jachung CHUN	
49 Tyousook EUN	Date: <u>09/18/2019</u>
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Myongsun KIM	

Assignment Page 2 of 2

RECORDED: 09/20/2019