506012918 04/14/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hanjong YOO	10/22/2019
Jinsoo Lee	10/22/2019
Donghwan JEONG	10/22/2019
Subin HA	10/22/2019
Minkyu HWANG	10/22/2019

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:	16608085

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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: +1 202-626-7708
Email: apsi@fr.com
Correspondent Name: MINSEUNG AHN

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	20172-0324US1
NAME OF SUBMITTER:	JOHN GUSTAV-WRATHALL
SIGNATURE:	/John Gustav-Wrathall/
DATE SIGNED:	04/14/2020

Total Attachments: 2

PATENT REEL: 052387 FRAME: 0293

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> PATENT REEL: 052387 FRAME: 0294

Attorney Docket No.: 20172-0324US1 / LGE/SLM/19654/US; 17SLM027PC01US01

<u>ASSIGNMENT</u>

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.

Assignment Page 1 of 2

PATENT REEL: 052387 FRAME: 0295 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.

Harrijong YOO	Date: October 22, 2019	
Jinsoo Lee	Date: October 22, 2019	
M & 17 Donghwan JEONG	Date: October 22, 2019	
み 上 U Subin HA	Date: <u>October 22, 2019</u>	
Minkyu HWANG	Date: October 22, 2019	
The Assignee hereby acknowledges a Assignee: LG ELECTRONICS INC.	and accepts the foregoing assignment.	
Signature:	Date;	
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Assignment Page 2 of 2

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