506011721 04/13/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT6058433 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jeonggu LEE	03/23/2020
Sunyoung LEE	03/23/2020
Seungjune YI	03/23/2020

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:	16831014

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.

+1 (202) 626-6431 Phone: Email: apsi@fr.com

Correspondent Name: WON S. YOON

Address Line 1: FISH & RICHARDSON P.C.

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER: 19819-1310001 NAME OF SUBMITTER: AMANDA PETERSEN SIGNATURE: /Amanda Petersen/ **DATE SIGNED:** 04/13/2020

Total Attachments: 2

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> **PATENT** REEL: 052380 FRAME: 0364 506011721

ASSIGNMENT

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,

PATENT REEL: 052380 FRAME: 0365 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.

Jeonggu LEE	Date:March 23, 2020
SunYoung Lee My.	
Sunyoung LEE	Date: March 23, 2020
Sengtime Y:	
Seungjune YI	Date: March 23, 2020
Journal 12	
The Assignee hereby acknowledges an	nd accepts the foregoing assignment.
The Assignee hereby acknowledges an	nd accepts the foregoing assignment.
The Assignee hereby acknowledges an Assignee: LG ELECTRONICS INC.	nd accepts the foregoing assignment.
Assignee: LG ELECTRONICS INC.	
Assignee: LG ELECTRONICS INC. Signature:	Date:
Assignee: LG ELECTRONICS INC. Signature:	

Assignment Page 2 of 2

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RECORDED: 04/13/2020