506122154 06/24/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6168879

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Seokmin SHIN	10/16/2018
Changhwan PARK	10/17/2018
Seonwook KIM	10/17/2018
Joonkui AHN	10/17/2018
Suckchel YANG	10/16/2018
Seunggye HWANG	10/16/2018

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:	16897473

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) 626-6431

Email: kpk@fr.com, 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:	20211-0259002	
NAME OF SUBMITTER:	KERSTIN KINZER	
SIGNATURE:	/Kerstin Kinzer/	
DATE SIGNED:	06/24/2020	

PATENT 506122154 REEL: 053023 FRAME: 0869

Total Attachments: 7 source=20211-0259002 assignment#page1.tif source=20211-0259002 assignment#page2.tif source=20211-0259002 assignment#page3.tif source=20211-0259002 assignment#page4.tif source=20211-0259002 assignment#page5.tif

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PATENT REEL: 053023 FRAME: 0870

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.

Assignment Page 1 of 7

PATENT REEL: 053023 FRAME: 0871 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.

<i>! !!</i>	Date: 2018. 10. 16.
Seokmin SHIN	DAW
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 2 of 7

enanghwan PARK	Date: 20/0./0.//
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name	

LUZ.	Date: 20/8, 10, 19
Seonwook KIM	,
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 4 of 7

Garage Contraction of the Contra	Date: <u>20/8, /0 /g</u>
Joonkui ÁĦŇ	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

	Date: 2018,10,16
Suckehel YANG	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 6 of 7

Seunggye HWANG	Date: ユッ/& / ク / - &
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	
The Assignee hereby acknowledges and a	eccepts the foregoing assignment.
Assignee: LG ELECTRONICS INC.	
Signature:	Date:
Name:	
Title:	

Assignment Page 7 of 7

PATENT REEL: 053023 FRAME: 0877

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