PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6159414

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Soongkeun LEE	06/10/2020
Gwigeun PARK	06/10/2020
Wonwoo LEE	06/10/2020
Wonjae YI	06/10/2020

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:	16900032

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) 626-7785

Email: kpk@fr.com, apsi@fr.com

Correspondent Name: JONG WAN SUH

FISH & RICHARDSON P.C. Address Line 1:

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Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	20172-0380001
NAME OF SUBMITTER:	KERSTIN KINZER
SIGNATURE:	/Kerstin Kinzer/
DATE SIGNED:	06/18/2020

Total Attachments: 4

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> **PATENT REEL: 052973 FRAME: 0035** 506112691

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PATENT REEL: 052973 FRAME: 0036

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, SOONGKEUN LEE, GWIGEUN PARK, WONWOO LEE and WONJAE YI, each individually assigns to LG ELECTRONICS INC., a corporation formed under the laws of Republic of Korea, and having a principal place of business at 128, Yeoui-daero, Yeongdeungpo-gu, Seoul 07336, Republic of Korea, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "SURGE PROTECTION CIRCUIT AND DISHWASHER INCLUDING THE SAME," and was or will be filed in the United States Patent and Trademark Office on June 12, 2020, as application 16/900,032 (the "Application"). We authorize the insertion of the filing date and application number above.

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 4

PATENT REEL: 052973 FRAME: 0037 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.

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이 문건 Soongkeun LEE	Date: June 10, 2020
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	
ッサナ Gwigeun PARK	Date: <u>Jyne 10, 20</u> 20
Witnessed by:	
Signature:	Date:
Print Name:	÷
Signature:	Date:

Assignment Page 2 of 4

본 용서는 LG전자(주)의 중요 자산으로 후면 역사 및 법을 참 수 있으며, 이동 위반 및 경우 당시 사가 및 관련 법규에 의해 자용을 받을 수 있습니다.

PATENT

REEL: 052973 FRAME: 0038

01 41 9	Date:
Wonwoo LEE	Date
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
이원계	Date:
Wonjae YI	
Witnessed by:	
Signature:	Date;
Print Name:	
Signature:	Date:

Assignment Page 3 of 4

면 문서는 LG전자(주)의 중요 자신으로 무단 복사 항 반출 형 수 있으며, 이렇 위반형 경우 당사 시규 및 관련 승규야 의해 제상을 받을 수 있습니다.

PATENT

REEL: 052973 FRAME: 0039

the Assignee neredy acknowledges and accepts the foregoing a	ssignment.
Assignee: LG ELECTRONICS INC.	
Signature:	Date:
Name:	
Title	

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PATENT REEL: 052973 FRAME: 0040

RECORDED: 06/18/2020