506379318 12/01/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Soyoon KIM	11/16/2020
Eunsoo YANG	11/03/2020
Joonghan SON	11/11/2020
Sangho PARK	11/03/2020

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:	17057518

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

MINSEUNG AHN **Correspondent Name:**

FISH & RICHARDSON P.C. Address Line 1:

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	20519-0682US1	
NAME OF SUBMITTER:	KERSTIN KINZER	
SIGNATURE:	/Kerstin Kinzer/	
DATE SIGNED:	12/01/2020	

Total Attachments: 5

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> **PATENT REEL: 054508 FRAME: 0779** 506379318

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> PATENT REEL: 054508 FRAME: 0780

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, SOYOON KIM, EUNSOO YANG, JOONGHAN SON, and SANGHO PARK, each individually assign 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 "PANEL ASSEMBLY, REFRIGERATOR, AND HOME APPLIANCES," and was or will be filed in the United States Patent and Trademark Office on November 20, 2020, as application 17/057,518 (the "Application"). We authorize the insertion of the filing date and application number above.

This Assignment assigns, in addition to the Subject Matter, (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.

To the extent any portion of the rights assigned by this Assignment has previously been assigned to the Assignee, this Assignment is a confirmation of the previous 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.

Assignment Page 1 of 2

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; 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.

マルト	Date: Nov. 16, 2020
Soyoon KIM	
F VANO	Date:
Eunsoo YANG	
Joonghan SON	Date:
	Date:
Sangho PARK	Date.

Assignment Page 2 of 2

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; 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.

	Date: Nov. 3.
Soyoon KIM	
0 = 2 +	Date: Nov. 3, 2020
Eunsoo YANG	
	Date:
Joonghan SON	Date.
	30 mm
Sangho PARK	Date:

Assignment Page 2 of 2

Attorney Docket No.: 20519-0682US1 / 19REF095PC01US01/PO19-00420US

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	 _	Date:		
Soyoon KIM				
		Date:		
Eunsoo YANG				
132h		Date: 2	320 , pp. 11	
Joonghan SON				
		Date:		
Sangho PARK				

Assignment Page 2 of 2

PATENT REEL: 054508 FRAME: 0784



Attorney Docket No.: 20519-0682US1 / 19REF095PC01US01/PO19-00420US

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.

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	Date:
Soyoon KIM	
	Date:
Eunsoo YANG	
	Date:
Joonghan SON	
Sangho PARK	Date: <u>Nov 3. 2021</u>

Assignment Page 2 of 2 **PATENT** REEL: 054508 FRAME: 0785

RECORDED: 12/01/2020