505717449 10/10/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5764260

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY	DATA				
		Name	Execution	Date	
Sungwook KIM			04/08/2019		
Sangbok CHOI			04/08/2019		
Kyongbae PARK			04/08/2019		
RECEIVING PARTY D	ΑΤΑ				
Name:	LG ELE	ECTRONICS INC.			
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City:	SEOUL				
State/Country:	KORE	A, REPUBLIC OF			
Postal Code:	07336				
Property TypeApplication Number:1634		Number 16349046			
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ATTORNEY DOCKET NUMBER:		19819-1042US1			
NAME OF SUBMITTER		LYNDZIE HAMM	LYNDZIE HAMM		
SIGNATURE:		/Lyndzie Hamm/	/Lyndzie Hamm/		
DATE SIGNED:		10/10/2019	10/10/2019		
Fotal Attachments: 5					
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> PATENT REEL: 050704 FRAME: 0046

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, <u>SUNGWOOK KIM</u>, <u>SANGBOK CHOI</u>, <u>KYONGBAE PARK</u>, and <u>SOONKYU LEE</u>, each individually assign to <u>LG ELECTRONICS INC</u>, a corporation formed under the laws of <u>Republic of Korea</u>, and having a principal place of business at <u>128</u>, <u>Yeouidaeto</u>, <u>Yeongdeungpo-gu</u>, <u>Seoul 07336</u>, <u>Republic of Korea</u>, 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 "<u>REFRIGERATOR AND CONTROL METHOD</u> <u>THEREOF</u>," and was or will be filed in the United States Patent and Trademark Office on <u>5/10/2019</u>, as application <u>16/349,04616/349,046</u> (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 S

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 Assignce the rights, titles, and interests assigned by this Assignment.

Witnessed by:

<u>) 1/2 3</u> <u>Sungwook KIM</u>
<u>Date: 19/04/07</u>

Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

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Attomey Docket No.: 19819-1042US1 / OPP-AZ-2017-0099-US-00/HA; 16REF226PC01U

刘 谷宵	Date: 19/04/08
Sangbok CHOI	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 3 of 5

PATENT REEL: 050704 FRAME: 0049

Attorney Docket No.: 19819-1042US1 / OPP-AZ-2017-0099-US-00/IIA; 16REF226PC01U

·한 것배 Kyongbae PARK	Date: <u>19/04</u> 0A
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

Assignment Page 4 of 5

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Attorney Docket No.: 19819-1042US1 / OPP-AZ-2017-0099-US-00/HA; 16REF226PC01U

	Date:
Soonkyu LEE	
Witnessed by:	
Signature:	Date:
Print Name:	
Signature:	Date:
Print Name:	

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: LG E	LECTRONIC	S INC.				
Signature:	- A		Date:	asip.	64.10	ę.
Name:	Hy unsoo	Kim		· · · · · · · · · · · · · · · · · · ·		
Title:	Senna pa	tent enginem				

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