503611363 12/15/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Sungwoon Choi	07/24/2015
Myunghwan KIM	08/17/2015
Jisu PARK	07/21/2015
Hyunbum KIM	07/21/2015
Jindong KIM	07/21/2015
Jihyun IM	07/31/2015

RECEIVING PARTY DATA

Name:	LG ELECTRONICS INC.
Street Address:	128, YEOUI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	150-721

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14898469

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: (202) 626-6431
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:	19819-0648US1
NAME OF SUBMITTER:	SHARON M. ALLEN
SIGNATURE:	/Sharon M. Allen/
DATE SIGNED:	12/15/2015

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, CHOI, Sungwoo, KIM, Myunghwan, PARK, Jisu, KIM, Hyunbum, KIM, Jindong and IM, Jihyun, each individually assign to LG Electronics Inc., a corporation formed under the laws of KOREA and having a principal place of business at 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 150-721 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 subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "REFRIGERATOR", and was filed in the United States Patent and Trademark Office on December 14, 2015, as application 14/898,469 (the "Application"). We authorize the insertion of the filing date and application number above.

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, 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.

Assignment Page 1 of 2

CHOI, Sunglion	Date: 07.24.2015
CHOI, Sungwoo	
	Date:
KIM, Myunghwan	
	Date:
PARK, Jisu	
Service Control of the Control of th	Date:
KIM, Hyunbum	
	Date
KIM, Jindong	
	Date:
IM, Jihyun	
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The Assignee hereby acknowledges and acc	epts the foregoing assignment.
Assignee: LG ELECTRONICS INC.	
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Signature:	Date:
Name:	
Title:	

Assignment Page 2 of 2

CHOI, Sungwoo	Date:	-
KIM, Myunghwan	Date: 2015, 8,17	_
PARK, Jisu	Date:	_
KIM, Hyunbum	Date:	_
KIM, Jindong	Date:	_
IM, Jihyun	Date:	_
The Assignee hereby acknowledges and	accepts the foregoing assignment.	
Assignee: LG ELECTRONICS INC.	Data	
Signature:	Date:	
Name:		

Assignment Page 2 of 2.

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CHOI, Sungwoo	Date:	
KIM, Myunghwan	Date:	· ·
PARK, Jisu	Date: 10/5, 0, 1	!
KIM, Hyunbum	Date:	SI 87
KIM, Jindong	Date:	;;;;;;; ;
IM, Jihyun	Date:	· · · · · · · · · · · · · · · · · · ·
The Assignce hereby acknowledges a		
Assignee: LG ELECTRONICS INC.	•	
Signature:	Date:	
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Assignment Page 2 of 2

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ne Assignee hereby acknowledges	and accepts the foregoing assignment.
M, Jihyun	Dates
IM, Jihdong	Date: 4015.7.21
Jhrus IM, Hyunbum	Date: 2-15. 2. 21
ARK, Jisu	Dates
IM, Myunghwan	Date
HOI, Sungwoo	Date:

Assignment Page 2 of 2

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: LG ELECTRONICS INC.

Signature: _____ Date:

Title:

Assignment Page 2 of 2

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CHOI, Sungwoo	Date:	
KIM, Myunghwan	Date:	·····
PARK, Jisu	Date:	·
KIM, Hyunbum	Date:	
KIM, Jindong	Date:	
IM, Jihyun	Date:	· · · · · · · · · · · · · · · · · · ·
The Assignee hereby acknowledge Assignee: LG ELECTRONICS IN		assignment.
Signature: 232/76	NC.	Date: 24. 09. 10
Name: Chihyama k		
Name: Chihyanny k Title: Managen		

Assignment Page 2 of 2