

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5707491

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sungwoo 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, YEOUNI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16122063
CORRESPONDENCE DATA	
Fax Number:	(877)769-7945
<i>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.</i>	
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Email:	stadnick@fr.com, apsi@fr.com
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Address Line 1:	FISH & RICHARDSON P.C.
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ATTORNEY DOCKET NUMBER:	19819-0648002
NAME OF SUBMITTER:	SHANNON STADNICK
SIGNATURE:	/Shannon Stadnick/
DATE SIGNED:	09/09/2019

Total Attachments: 7

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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.

CHOI, SungWoo
CHOI, Sungwoo

Date: 07.24.2015

KIM, Myunghwan

Date: _____

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.

Signature: _____ Date: _____

Name: _____

Title: _____

CHOI, Sungwoo

Date: _____



KIM, Myunghwan

Date: 2015. 6. 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.

Signature: _____ Date: _____

Name: _____

Title: _____

OPP-AZ-2014-0055-US-00

14FREFO19US02

CHOI, Sungwoo

Date: _____

KIM, Myunghwan

Date: _____



PARK, Jisu

Date: 2015. 11. 21

KIM, Hyunbum

Date: _____

KIM, Jindong

Date: _____

IM, Jihyun

Date: _____

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: LG ELECTRONICS INC.

Signature: _____ Date: _____

Name: _____

Title: _____

CHOI, Sungwoo

Date: _____

KIM, Myunghwan

Date: _____

PARK, Jisu

Date: _____



KIM, Hyunbum

Date: 2015. 9. 21



KIM, Jindong

Date: 2015. 7. 21

IM, Jihyun

Date: _____

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: LG ELECTRONICS INC.

Signature: _____

Date: _____

Name: _____

Title: _____

CHOI, Sungwoo Date: _____

KIM, Myunghwan Date: _____

PARK, Jisu Date: _____

KIM, Hyunbum Date: _____

KIM, Jindong Date: _____



IM, Jihyun Date: 31 Jul 2015

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: LG ELECTRONICS INC.

Signature: _____ Date: _____

Name: _____

Title: _____

CHOI, Sungwoo Date: _____

KIM, Myunghwan Date: _____

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.

Signature: *[Signature]* Date: *2014. 09. 10*

Name: *Chiyang KIM*

Title: *Manager*