PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Wonyeong JUNG	08/11/2011
Myungryul LEE	08/11/2011
Sung JHEE	08/18/2011

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:	16453441

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ATTORNEY DOCKET NUMBER: 19819-0333004

NAME OF SUBMITTER: AMANDA PETERSEN

SIGNATURE: /Amanda Petersen/

DATE SIGNED: 07/01/2019

Total Attachments: 1

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PATENT 505552588 REEL: 049642 FRAME: 0154

OPP-AZ-2011-0109-US-00/HA(LG REF.: 11FLSL191US01)

ASSIGNMENT

For valuable consideration, we, JUNG, Wonyeong, of LG Eelectronics Inc. IP Group, 391-2 Gaeumjeong-dong, Changwon-si, Gyeongnam 641-711 Republic of Korea; LEE, Myungryul, of LG Eelectronics Inc. IP Group, 391-2 Gaeumjeong-dong, Changwon-si, Gyeongnam 641-711 Republic of Korea; JHEE, Sung, of LG Eelectronics Inc. IP Group, 391-2 Gaeumjeong-dong, Changwon-si, Gyeongnam 641-711 Republic of Korea; hereby assign to LG ELECTRONICS INC., a corporation of KOREA, having a place of business at 20 Yeouido-dong, Yeongdeungpogu, Seoul, 150-721 Republic of Korea, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled REFRIGERTOR COMRISING VACUUM SPACE, filed 09/23/2011 , and assigned , this assignment including said application, any and all U.S. Serial Number 13/241,725 United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

WY)	DATE:	2011-08-411
JUNG, Wonyeong		
mh	DATE:	2011-08-11
LEE, Myungryul		•
JHEE, Sung	DATE: _	2011 - 08 - 18

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