

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5415205

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HYUN KU JEONG	02/27/2019
DAE HWAN KIM	02/27/2019
KEON KUK	02/27/2019
JUN O KIM	03/08/2019
CHOONG HYO JANG	03/07/2019
MIN SOO KIM	02/27/2019
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU
City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15519641
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	EFox@s-n-h.com
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ATTORNEY DOCKET NUMBER:	2494.1514
NAME OF SUBMITTER:	PAUL I. KRAVETZ REG. NO. 35,230
SIGNATURE:	/Paul I. Kravetz/
DATE SIGNED:	03/11/2019
Total Attachments: 3	

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WORLD WIDE ASSIGNMENT

S&H 10/16

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration furnished to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD.
129, Samsung-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do 16677
Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

REFRIGERATOR AND VACUUM INSULATION PANEL THEREOF

relating to International Patent Application PCT/_____/_____ and/or for which application for Letters Patent of the United States of America was executed on even date herewith or, if not so executed, was:

(a) executed on ;

(Insert date of execution of application, if not concurrent)

(b) filed on , April 17, 2017

Serial No. 15/519,641

Any registered attorney or patent agent of STAAS & HALSEY LLP,
1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005
(202/434-1500) is hereby authorized to insert in (b) the specified
data, when known.

and to said application and all Letters Patent(s) of the United States of America and of any and all other countries granted on said invention and/or on said application and any rights of priority, extension, continuation, division, renewal, substitute, reissue, reviews (including inter partes review, post grant review and covered business method review), supplemental examination, interference, or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

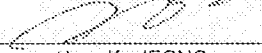
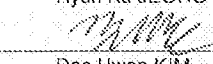
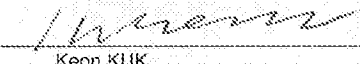
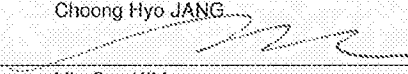
The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention in the United States of America and in any and all other countries, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), and in any rights of priority, extension, continuation, division, renewal, substitute, reissue, reviews, supplemental examination, interference, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) 	2019.02.27.	
Hyun Ku JEONG		
2) 	2019.02.27.	
Dae Hwan KIM		
3) 	2019.02.27.	
Keon KUK		
4) _____		
Jun O KIM		
5) _____		
Choong Hyo JANG		
6) 	2019.02.27.	
Min Soo KIM		

PATENT

REEL: 048563 FRAME: 0117

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(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1)	Hyun Ku JEONG		
2)	Dae Hwan KIM		
3)	Keon KUK		
4)	<i>Jun O Kim</i> Jun O KIM	2019.03.08.	
5)	Choong Hyo JANG		
6)	Min Soo KIM		

WORLD WIDE ASSIGNMENT

2017.03.07

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration furnished to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

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128, Samsung-ro, Yeongtong-gu,
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(Typed Name & Signature of Inventor(s))

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1) _____	_____	_____
Hyun Ku JEONG		
2) _____	_____	_____
Dae Hwan KIM		
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4) _____	_____	_____
Jun O KIM		
5) _____	2019.03.07.	_____
Choong Hyo JANG		
6) _____	_____	_____
Min Soo KIM		

PATENT