PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JEONGMIN KIM	07/24/2018
CHOONGEUN LEE	07/24/2018

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU, GYEONGGI-DO
City:	SUWON-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29659773

CORRESPONDENCE DATA

Fax Number:

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: 202-429-0020 Email: pto@nsiplaw.com

Correspondent Name: NSIP LAW
Address Line 1: P.O. BOX 65745

Address Line 4: WASHINGTON, D.C. 20035

ATTORNEY DOCKET NUMBER:	D91109.0357
NAME OF SUBMITTER:	SHABNAM NOWROUZI
SIGNATURE:	/Shabnam Nowrouzi/
DATE SIGNED:	08/13/2018

Total Attachments: 2

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PATENT 505046904 REEL: 046622 FRAME: 0290

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

DECLARATION

As a below-named inventor, I hereby declare that	this declaration is directed to the application attached hereto,
or to United States Application Number or PCT Int	ernational Application Number(if applicable), entitled:
REF	RIGERATOR
The above-identified application was made or auth	orized to be made by me.
I believe I am the original inventor or an original joi application.	nt inventor of a claimed invention in the above-identified
I hereby acknowledge that any willful false stateme 1001 by fine or imprisonment of not more than five	ent made in this declaration is punishable under 18 USC (5) years, or both.
I have reviewed and understand the contents of the	above-identified application, including the claims,
me to be material to patentability as defined in 37 (ttes Patent and Trademark Office all information known to CFR 1.56, including for continuation-in-part applications, in the filing date of the prior application and the national or part application.
ASS	BIGNMENT
For valuable consideration, I, as a below-named as	signor, hereby assign to:
Samsung Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do 16677 Republic of Korea	
and its successors and assigns (collectively hereina	ifter called "the Assignee"), the entire right, title, and
interest throughout the world in the inventions and in	
identified in the above declaration, which is United S Number 29/659,773 filed on	States Application Number or PCT International Application August 13, 2018
I authorize and request the attorneys appointed in ti	ne above-identified application to hereafter complete this
This Assignment includes the above-identified applicutility models, and design registrations granted for a	cation, any and all United States and foreign patents, ny of the inventions and improvements that are the

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subject of the above-identified application, and the right to claim priority based on the filing date of the above-identified 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 I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, like rights of exclusion, and inventors' certificates for any of the inventions and improvements

that are the subject of the above-identified application; and I agree for myself and my 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.

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

In witness whereof, I, as a below-named inventor and assignor, intending to be legally bound, have hereunto affixed my signature on the date indicated below next to my signature.

Inventor's Legal Name	Jeongmin KIM	****			
Inventor's Signature	76 정면	Date	July	24,	2018
Residence (City, Country)	Seoul, Republic of Korea		<u></u>		
Mailing Address	114-102, 22, Mokdongseo-ro 2-gil, Yangcheon-	gu, Seau	ul, Republic of	Korea	

Inventor's Legal Name	Choongeun LEE	***************************************				
Inventor's Signature	132	Date	Jul	V	24	,24/8
Residence (City, Country)	Seoul, Republic of Korea		J	/	8	
Mailing Address	1-1004, 56, Songi-ro 31-gil, Songpa-gu, Seoul,	Republic	c of Korea	a		