505398234 03/28/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAEBONG JUNG	03/12/2019
JEONGSIK KO	03/12/2019
JI-YOUNG JEONG	03/12/2019

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONCIS 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:	16367391

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:	012052.1707
NAME OF SUBMITTER:	THOMAS J. MATIKAINEN
SIGNATURE:	/Thomas J. Matikainen/
DATE SIGNED:	03/28/2019

Total Attachments: 2

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PATENT 505398234 REEL: 048722 FRAME: 0927

DECLARATION

STRUCTURE AND SYSTEM WITH BATTERY COOLING					
filed on (if applicable), entitled:					
or to United States Application Number or PCT Internation	nal Application Number				
As a below-named inventor, I hereby declare that this dec	laration is directed to the application attached hereto,				

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I have reviewed and understand the contents of the above-identified application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information that became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

ASSIGNMENT

For valuable consideration, I, as a below-named assignor, hereby assign to:

Samsung Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do 16677 Republic of Korea

Number	16/367,391	_filed on	March 28, 20	<u>19</u>		
identified in the	above declaration, which	h is United S	States Application	n Number or PCT In	ternational Applica	tion
interest through	out the world in the inve	entions and in	mprovements the	it are the subject of	the application	
and its success	ors and assigns (collect	ively hereina	after called "the A	ssignee"), the entire	e right, title, and	

I authorize and request the attorneys appointed in the above-identified application to hereafter complete this Assignment by inserting above the application number and the filing date of the above-identified application when known, and to correct any typographical errors that may be discovered in this Assignment.

This Assignment includes the above-identified application, any and all United States and foreign patents, utility models, and design registrations granted for any of the inventions and improvements that are the 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.

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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	DAEBONG JUNG		
Inventor's Signature	DBJUS	Date 20/9. 3. /2.	
Residence (City, Country)	Seoul, Republic of Korea		
Mailing Address	Samsung Advanced Institute of Technology, 130 Samsung-ro ,Youngtong-gu Suwon-si, Gyeonggi-do 16678, Republic of Korea		

Inventor's Legal Name	JEONGSIK KO	***************************************	
Inventor's Signature	Date 2019. 3. 12		
Residence (City, Country)	Suwon-si, Republic of Korea		
Mailing Address	Samsung Advanced Institute of Technology, 130 Samsung-ro ,Youngtong-gu Suwon-si, Gyeonggi-do 16678, Republic of Korea		

Inventor's Legal Name	JI-YOUNG JEONG		
Inventor's Signature	NL	Date	2019. 3.12
Residence (City, Country)	Suwon-si, Republic of Korea		
Mailing Address	Samsung Advanced Institute of Technology, 130 Samsung-ro ,Youngtong-gu Suwon-si, Gyeonggi-do 16678, Republic of Korea		