505885397 01/28/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONG SHIN YANG	01/22/2020
IN GUN KIM	01/22/2020
SOT EUM SEO	01/22/2020
JU SUNG PARK	01/22/2020

RECEIVING PARTY DATA

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State/Country:	KOREA, REPUBLIC OF		

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16774132	

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SIGNATURE:	/Charles A. Greene/
DATE SIGNED:	01/28/2020

Total Attachments: 2

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PATENT REEL: 051638 FRAME: 0717 505885397

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 N	lumber or PCT International Application	n Number			
	filed on	_ (if applicable), entitled:			

SPACER AND CAMERA MODULE

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 Electro-Mechanics Co., Ltd. Maeyoung-ro 150 (Maetan-dong), Youngtong-gu Suwon-si, Gyeonggi-do 16674 Republic of Korea

3 (,	nafter called "the Assignee"), the entire right, title, and I improvements that are the subject of the application
J		Introduction Number or PCT International Application
16/774,132		January 28, 2020

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.

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	Dong Shin YANG			
Inventor's Signature	4	Date	Jan, 22.	ر نهن
Residence (City, Country)	Suwon-si, Republic of Korea			
Mailing Address	Samsung Electro-Mechanics Co., Ltd., Maeyoung-ro 150 (Maetan-dong), Younglong-gu, Suwon-si, Gyeonggi-do, Republic of Korea			

Inventor's Legal Name	In Gun KIM		
Inventor's Signature	장선건	Date	Ju. 22. 2016
Residence (City, Country)	Suwon-si, Republic of Korea		
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Inventor's Legal Name Ju Sung PARK			
memors assertante	Ju Sung Price		
Inventor's Signature	VAM	Date	Jan. 22. 2020
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