506136253 07/02/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6182980

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BONG WON JEONG	06/16/2020
BO SUNG SEO	06/16/2020
JAE HYUK LEE	06/16/2020
YOUNG BOK YOON	06/16/2020
SUNG HOON KIM	06/16/2020
JUNG SEOK LEE	06/23/2020
SOO CHEOL LIM	06/16/2020

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRO-MECHANICS CO., LTD.
Street Address:	MAEYOUNG-RO 150 (MAETAN-DONG), YOUNGTONG-GU, GYEONGGI-DO
City:	SUWON-SI
State/Country:	KOREA, REPUBLIC OF

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16919420

CORRESPONDENCE DATA

Fax Number: (202)315-3758

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:	013057.2057
NAME OF SUBMITTER:	CHARLES A. GREENE
SIGNATURE:	/Charles A. Greene/
DATE SIGNED:	07/02/2020

PATENT 506136253 REEL: 053107 FRAME: 0624

Total Attachments: 3

source=NewApp_0130572057_ExecutedCDAEPAS#page1.tif source=NewApp_0130572057_ExecutedCDAEPAS#page2.tif

source=NewApp_0130572057_ExecutedCDAEPAS#page3.tif

PATENT REEL: 053107 FRAME: 0625

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 PC	T International Application Number
filed on	(if applicable), entitled:

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 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 that are the subject of the application identified in the above declaration, which is United States Application Number or PCT International Application Number $\underline{16/919.420}$ filed on $\underline{July\ 2,\ 2020}$.

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	Bong Won JEONG		
Inventor's Signature	Joint D. M. Marie	Date	3.020. 6.16
Residence (City, Country)	Suwon-si, Republic of Korea		
Mailing Address	Samsung Electro-Mechanics Co., Ltd., Mae Suwon-si, Gyeonggi-do, Republic of Korea	young-ro 15	0 (Maetan-dong), Youngtong-gu.

************************	inventor's Legal Name	Bo Sung SEO	
	Inventor's Signature	Landa a sin L	Date مدرسد (
	Residence (City, Country)	Suwon-si, Republic of Korea	
Janes and	Mailing Address	Samsung Electro-Mechanics Co., Ltd., Maeyoung-ro 150 (Maetan-dong), Youngtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea	

inventor's Legal Name	Jae Hyuk LEE
Inventor's Signature	// xq 📆 Date 2020 , 6. /6
Residence (City, Country)	Suwon-si, Republic of Korea
Mailing Address	Samsung Electro-Mechanics Co., Ltd., Maeyoung-ro 150 (Maetan-dong), Youngtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea

Inventor's Legal Name	Young Bok YOON		
Inventor's Signature	-27°	Date	7020,6.16
Residence (City, Country)	Suwon-si. Republic of Korea		
Mailing Address	Samsung Electro-Mechanics Co., Ltd., Maeyoung-ro 150 (Maetan-dong), Youngtong-gu, Suwori-si, Gyeonggi-do, Republic of Korea		

Inventor's Legal Name	Sung Hoon KIM		
Inventor's Signature	J. W.	Date	5000 · 6 · 16
Residence (City, Country)	Suwon-si, Republic of Korea		
Mailing Address	Samsung Electro-Mechanics Co., Ltd., Maeyou Suwon-si, Gyeonggi-do, Republic of Korea	ng-ro 15	i0 (Maetan-dong), Youngtong-gu.

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

Inventor's Legal Name	Jung Seok LEE		
Inventor's Signature	Coladan	Date	2720 . 6 . 23
Residence (City, Country)	Suwon-si, Republic of Korea		
Mailing Address	Samsung Electro-Mechanics Co., Ltd., Maeyoung-ro 150 (Maetan-dong), Youngtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea		

Inventor's Legal Name	Soo Cheol LIM		
inventor's Signature	S. C. Li	Date	2020/8/16
Residence (City, Country)	Suwon-si, Republic of Korea		
Mailing Address	Samsung Electro-Mechanics Co., Ltd., Maeyoung-ro 150 (Maetan-dong), Youngtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea		