505912593 02/12/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5959310

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHIN MO KIM	01/13/2020
JAE YEONG KIM	01/13/2020
SUNG YONG AN	01/13/2020
SUNG NAM CHO	01/13/2020
JI HYUNG JUNG	01/13/2020

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:	16788585	

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.

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

NSIP LAW Correspondent Name:

Address Line 1: P.O. BOX 65745

Address Line 4: WASHINGTON, D.C. 20035

ATTORNEY DOCKET NUMBER:	013057.2010
NAME OF SUBMITTER:	WALE T. GODO
SIGNATURE:	/Wale T. Godo/
DATE SIGNED:	02/12/2020

Total Attachments: 3

source=NewApp_0130572010_CDA_EPAS#page1.tif source=NewApp 0130572010 CDA EPAS#page2.tif

PATENT REEL: 051795 FRAME: 0085 505912593

 $source = NewApp_0130572010_CDA_EPAS\#page3.tif$

PATENT REEL: 051795 FRAME: 0086

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 International Application Number
filed on(if applicable), entitled:
CHIP ANTENNA
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
<u>16/788,585</u> filed on <u>February 12, 2020</u>
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

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 filling 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

Page 1 of 3

PATENT REEL: 051795 FRAME: 0087

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

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.

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	Chin Mo KIM	***************************************	
Inventor's Signature	Chin Mo kim	Date	Jan. 13. 2020
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	Jae Yeong KIM		
	14.0		

inventor's Legal Name	Jae Yeong KIM		
Inventor's Signature	4ª J>-	Date	Jan. 13. 2020
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	Sung Yong AN		
Inventor's Signature	Sung Young An Date Jan 13 2020		
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	Sung Nam CHO		
Inventor's Signature	Sura Dan Cho	Date	Jen, 13, 2020
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		

Page 2 of 3

Reference Number, 013057,2010

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

inventor's Legal Name	Ji Hyung JUNG			
inventor's Signature		Date	San., 1316.	عدور
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			



Page 3 of 3

02912018701578877486