11/27/2019 505795383

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5842212

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YONGJOO SHIN	11/20/2019
SOHYEON KIM	11/20/2019
INYOUNG LEE	11/20/2019
YURI SIN	11/20/2019
JIWOO LEE	11/20/2019
JAEBONG CHUN	11/20/2019

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
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City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16697738

CORRESPONDENCE DATA

Fax Number: (703)816-4100

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NIXON & VANDERHYE PC / SAMSUNG Correspondent Name:

901 N. GLEBE RD., 11TH FLOOR Address Line 1: Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	USG-6297-137
NAME OF SUBMITTER:	UPDEEP S. GILL
SIGNATURE:	/Updeep S. GIII/
DATE SIGNED:	11/27/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 051129 FRAME: 0336

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Total Attachments: 3

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PATENT REEL: 051129 FRAME: 0337 Document Description: Oath or declaration filed

Yongjoo

Inventor's Signature:

bocument bescription. Oath of declaration filed	·		
	Attorney Docket Number	USG-6297-137	
	First Named Inventor	SHIN	
INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76) Declaration Submitted With Initial Filing			
OR			
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.	.16(f)) required)		
ELECTRONIC DEVICE AND ANTENNA STI	RUCTURE THEREOF		
(Title of the Invention)	****		
As a below named inventor, I hereby declare that:			
This declaration is directed to:			
∑ The attached application,			
OR			
United States Application Number or PCT International application number			
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	application.		
I hereby acknowledge that any willful false statement made in this declaration is punishably fine or imprisonment of not more than five (5) years, or both.	ole under 18 U.S.C. 1001		
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the App		99999999	
WHEREAS, Samsung Electronics Co., Ltd. (hereinafter ASSIGNEE), a corpora Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677 Republic of the Company of t	of Korea, is desirous of acquiring	ig an interest therein;	
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOR by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR'S entire right, title and interest in the United States of America and all foreign countries, in and to the invention as described in the aforesaid application, and to the said application and to all subsequent applications based thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patents, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE'S attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention;			
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its further remuneration, in and to any improvements, and applications for patents based their	reon, growing out of or related to	the said invention;	
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns full protection and fitte in and to the invention hereby transferred; and	, and legal representatives, deem	ned essential to ASSIGNEE'S	
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filling and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.			
AGREED and executed as noted below:			
LEGAL NAME OF SOLE OR FIRST INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)	***************************************		

[5] Additional inventors are being named on the 1 supplemental sheet(s)

Note: PTO Rules state "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in [37 CFR] §1.56

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SHIN

Date:

Samsung Ref.: GM-201806-129-1-US0 DOCKET NO.: USG-6297-137

SUPPLEMENTAL SHEET FOR DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet

(Page 2 of 2)

Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Sohyeon	KIM	
Inventor's Signature: Golyeon Kin	Date: 25.11.2019	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Inyoung	LEE	
Inventor's Signature:	Date:	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Yuri	SIN	
Inventor's Signature:	Date:	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Jiwoo	LEE	
Inventor's Signature:	Date:	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Jaebong	CHUN	
Inventor's Signature:	Date:	

PATENT REEL: 051129 FRAME: 0339

Samsung Ref.: GM-201806-129-1-US0 DOCKET NO.: USG-6297-137

ADDITIONAL INVENTOR(S)

Supplemental Sheet

(Page 2 of 2)

Legal Name of Additional Joint Inventor, if any:	······································	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Sohyeon	KIM	
Inventor's Signature:	Date:	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Inyoung	LEE	
Inventor's Signature: IN U WNY LEE	Nov 20, 20/P	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Yuri	SIN	
Inventor's Signature: Yuri Shin	Date: Noy 20, 2019	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Jiwao	LEE	
Inventor's Signature:	Date: 100 20, 20/9	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Jaehong	CHUN	
Inventor's Signature:	Date: No. 20, 2019	

PATENT REEL: 051129 FRAME: 0340

RECORDED: 11/27/2019