PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5864199

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JONGDOO KIM	12/11/2019
JAEROK CHO	12/11/2019
WANJAE JU	12/05/2019

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.	
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU	
City:	SUWON-SI, GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	16677	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16711834

CORRESPONDENCE DATA

Fax Number: (703)816-4100

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.

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Email: ptomail@nixonvan.com

NIXON & VANDERHYE PC / SAMSUNG **Correspondent Name:**

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

ATTORNEY DOCKET NUMBER:	USG-6297-139	
NAME OF SUBMITTER:	UPDEEP S. GILL	
SIGNATURE:	/Updeep S. Gill/	
DATE SIGNED:	12/12/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

source=6297-139 DECLARATION ASSIGNMENT EXECUTED#page1.tif source=6297-139 DECLARATION ASSIGNMENT EXECUTED#page2.tif

PATENT REEL: 051268 FRAME: 0708 505817369

Document Description: Oath or declaration filed			
		Docket Number	USG-6297-139
INVENTOR'S DECLARATION AND A		ed Inventor	KIM
APPLICATION (37 CFR 1.63) USING Declaration Submitted With Initial Filing	AN APPLICATION D	ATA SHEET	37 CFR 1.76)
OR			
Declaration Submitted After Initial Filing (surcharge	e (37 C.F.R. § 1.16(f)) requ	uired)	
ELECTRONIC DEVICE INCLUDING I PROVIDED WITH C	INGERPRINT RECO	GNITION MC	DULE
{Title of	the Invention)		
As a below named inventor, I hereby declare that:			
This declaration is directed to:			
∑ The attached application,			
08			
United States Application Number or PCT International application filed on	n number		
The above-identified application was made or authorized to be made	by me		
l believe I am the original inventor or an original joint inventor of a cla	. 520.70 3 3 3 5		
I hereby acknowledge that any willful false statement made in this de- by line or imprisonment of not more than five (5) years, or both.	daration is punishable under 18 t		
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an			***************************************
WHEREAS, Samsung Electronics Co., Ltd. (hereinafter AS S <mark>amsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do,</mark> 1	6677 Republic of Korea, is	desirous of acquiring	ig an interest therein;
NOW, THEREFORE, for good and varuable consideration, the receip presents hereby sells, assigns, and transfers unto the said ASSIGNE and interest in the United States of America and all foreign countries, application and to all subsequent applications based thereon including and all resulting patents, together with the right of priority under the in Convention Relating to Patents, Designs and Industrial Models, and a and the ASSIGNOR hereby authorizes and requests the Commission, interest as ASSIGNEE, its successors, assigns, and legal representat P.C. have represented only ASSIGNEE and will continue to represent	and sufficiency of which are here its successors, assigns, and le in and to the invention as describ- any and all continuations, division ternational Convention for the Pro- ny other international agreements of Patents and Trademarks to	aby acknowledged, gal representatives, ged in the aforesaid a ons, reissues, and s otection of Industrial s to which the Unite issue said Letters P	the said ASSIGNOR by these ASSIGNOR'S entire right, title application, and to the said abstitutes of said application, Property, Inter-American distenses of America adheres, as teat to ASSIGNEE.
ASSIGNOR hereby agrees to transfer a like interest upon request of surther remuneration, in and to any improvements, and applications fo	aid ASSIGNEE He successors is	projano and bant ra	presentatives, and without the said invention:
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its a util protection and little in and to the invention hereby transferred; and	successors, assigns, and legal re	presentatives, deen	ed essential to ASSIGNEE'S
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without filing and granting of foreign applications and the perfecting of title the	iurther remuneration, to execute : reto in ASSIGNEE.	any and all papers o	esired by ASSIGNEE, for the
AGREED and executed as noted below:			
EGAL NAME OF SOLE OR FIRST INVENTOR: E.g., Given Name (first and middle (if any)) and Family Name	or Surname)		
Jongdoo			KIM
nventor's Signature:		Date:	11 2019

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

(Page 1 of 2)

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

PATENT REEL: 051268 FRAME: 0709

Samsung Ref.: GM-201807-197-1-US0 DOCKET NO.: USG-6297-139

SUPPLEME			

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 Femily Name or Surname).	
Jaerok	сно
Inventor's Signature: スール 美	Date: DeC, 11, 2019
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Wanjae	JU
Inventor's Signature: Tu. Wantee	Date: Pec. 0\$ 2019

PATENT

REEL: 051268 FRAME: 0710