PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HEESUK CHO	02/22/2019
WOOYONG SUNG	02/22/2019
KWANGHYUN CHO	02/22/2019
JISOO CHOI	03/13/2019

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:	16382763

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

Correspondent Name: UPDEEP S. GILL

Address Line 1: NIXON & VANDERHYE PC / SAMSUNG

Address Line 2: 901 N. GLEBE RD., 11TH FLOOR Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	USG-912-233
NAME OF SUBMITTER:	UPDEEP S. GILL
SIGNATURE:	/UPDEEP S. GILL/
DATE SIGNED:	04/12/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

PATENT REEL: 048871 FRAME: 0522

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> PATENT REEL: 048871 FRAME: 0523

Samsung Ref: GM-201805-117-1-US0

Document Description: Oath or declaration filed

Attorney Docket Number	USG-912-233
First Named Inventor	СНО

	First Named Inventor	СНО
INVENTOR'S DECLARATION AND ASSIGNMENT F	OR UTILITY OR DE	SIGN PATENT
APPLICATION (37 CFR 1.63) USING AN APPLICAT	TION DATA SHEET (37 CFR 1.76)
Declaration Submitted With Initial Filling		
OR		
Declaration Submitted After Initial Filling (surcharge (37 C.F.R. § 1.19	6(f)) required)	
METHOD FOR SHARING CONTENT BASED ON		AND
ELECTRONIC DEVICE FOR PERFOR	IMINA OWINE	
(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		
filed on		
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 punishable by fine or imprisonment of not more than five (5) years, or both.	e under 18 U.S.C. 1001	
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Appli	cation identified above.	***************************************
WHEREAS, Samsung Electronics Co., Ltd. (hereinafter ASSIGNEE), a corporati Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677 Republic o	ion having an office and place o	f business at 129, ng an interest therein;
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of will presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assumed interest in the United States of America and all foreign countries, in and to the invention application and to all subsequent applications based thereon including any and all continue and all resulting patients, together with the right of priority under the International Convention Relating to Patients, Designs and Industrial Models, and any other international and the ASSIGNOR hereby authorizes and requests the Commissioner of Patients and Trainterest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with	hich are hereby acknowledged, signs, and legal representatives in as described in the aforesaid ations, divisions, reissues, and so for for the Protection of Industria al agreements to which the Unite idemarks to issue said Letters For and agreed that ASSIGNEE'S	the said ASSIGNOR by these, ASSIGNOR'S entire right, title application, and to the said substitutes of said application, I Property, Inter-American id States of America adheres, latent to ASSIGNEE, for its
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, its s further remuneration, in and to any improvements, and applications for patents based there	eon, growing out of or related to	the said invention;
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, full protection and title in and to the invention hereby transferred; and	and legal representatives, deer	ned essential to ASSIGNEE'S
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.	, to execute any and all papers	desired by ASSIGNEE, for the
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)		
Heesuk		CHO
Inventor's Signature:	Date:	ato 1 . > 1 a >
Hersuk CHO	, de	1019/02/22

[3] Additional inventors are being named on the 1 supplemental sheet(s) PTO/AiA/10 attached hereto

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)

PATENT REEL: 048871 FRAME: 0524

Samsung Ref: GM-201805-117-1-US0 DOCKET NO.: USG-912-233

SUPPLEMENTAL SHE	ET FOR	DECLA	RATION
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ADDITIONAL INVENTOR(S)

Supplemental Sheet (for PTO/AIA//08/09)

(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 Suma	ime)
Wooyang	SUNG
Inventor's Signature:	Date: 2019/2/22
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Suma	ame)
Kwanghyun	сно
Inventor's Signature: Kwang Hyyn Zho	2019/02/22
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surna	ame)
Jisao	CHOI
Inventor's Signature:	Date:

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RECORDED: 04/12/2019

ADDITIONAL INVENTOR(S)
Supplemental Sheet (for PTO/AIA/08/08)

(Page 2 of 2

Legal Name of Additional Joint Inventor, if any:	Marie Commission of the Commis	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Wooyong		
Inventor's Signature		SUNG
	Date:	
Legal Name of Additional Joint Inventor, If any:		one and the second
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Kwanghyun		
Inventor's Signature		СНО
	Date:	
Legal Name of Additional Joint Inventor, if any:		The state of the s
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Jisoo		
nventor's Signature:		CHOI
	Date: 13 /	3/2019

PATENT

REEL: 048871 FRAME: 0526