PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5467289

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KANG-WON JEON	03/19/2019
MIN-SU CHEON	03/25/2019
MUN-KYEONG HWANG	03/14/2019

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:	16340816

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.

Phone: 703-816-4000

Email: ptomail@nixonvan.com

UPDEEP S. GILL **Correspondent Name:**

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-2834-361
NAME OF SUBMITTER:	UPDEEP S. GILL
SIGNATURE:	/UPDEEP S. GILL/
DATE SIGNED:	04/10/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 6

source=2834-361 Declaration Assignment#page1.tif source=2834-361 Declaration Assignment#page2.tif

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source=2834-361_Declaration_Assignment#page6.tif

Samsung's Ref: MK2016110011US0

Document Description: Oath or declaration filed

	Attorney Docket Number	MJS-2834-361
	First Named Inventor	JEON
INVENTOR'S DECLARATION AND ASSIGNMENT APPLICATION (37 CFR 1.63) USING AN APPLIC Declaration Submitted With Initial Filing OR		
- CONTROL OF THE CONT	- 2 A 3 C	
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1		
IMAGE DISPLAY METHOD AND ELECTRON	IIC DEVICE THEREFO)R
(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 <u>PCT/I</u> filed on <u>2019-09-29</u> .	<u> </u>	ê
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 I hereby acknowledge that any willful false statement made in this declaration is punished by fine or imprisonment of not more than five (5) years, or both	able under 18 U.S.C. 1001	
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Ap	pplication identified above.	***************************************
WHEREAS, Samsung Electronics Co., Ltd. (hereinafter ASSIGNEE), a corpo Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677 Republic	ration having an office and place of Korea , is desirous of acquir	ng an interest therein;
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, and interest in the United States of America and all foreign countries, in and to the inverseplication and to all subsequent applications based thereon including any and all contents and sil resulting patents, together with the right of priority under the international Convence Convention Relating to Patents, Designs and Industrial Models, and any other international the ASSIGNOR hereby authorizes and requests the Commissioner of Patents and interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understipped. P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE.	assigns, and legal representatives nion as described in the aforesaid nuations, divisions, reissues, and nition for the Protection of industria mail appeaments to which the Unit Trademarks to issue said Letters I and and append that ASSIGNEES	, ASSIGNOR'S entire right, title application, and to the said substitutes of said application, al Property, Inter-American ad States of America adheres, ⊇atent to ASSIGNEE for its
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, it further remuneration, in and to any improvements, and applications for patents based the	s successors, assigns, and legal receon, growing out of or related to	epresentatives, and without the said invention;
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assignfull protection and title in and to the invention hereby transferred; and		
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remunerate filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.	on, 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 Sumame)		
Kang-won		JEON
Inventor's Signature:	Date: [//	703/2019

[2][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

(Page 1 of 2)

Samsung's Ref: MK2016110011US0 DOCKET NO. MJS-2834-361

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ADDITIONAL INVENTOR(S)
Supplemental Streat

Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Sumame)	
Min-su	CHEON
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 Sumame)	
Mun-kyeong	HWANG
inventor's Signature.	Date:

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IMAGE DISPLAY METHOD AND ELECTROP	IIC DEVICE THEREFO	R
(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 <u>PCT/</u> filed on <u>2019-09-29</u> .	KR2017/011023	
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 t	he application.	
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NOW. THEREFORE, for good and valuable consideration, the receipt and sufficiency of presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, and interest in the United States of America and all foreign countries, in and to the inversapplication and to all subsequent applications based thereon including any and all contiend all resulting patients, together with the right of priority under the International Conversion Relating to Patents, Designs and Industrial Models, and any other international the ASSIGNCR hereby authorizes and requests the Commissioner of Patents and Interest as ASSIGNEE, its successors, assigns, and legal representatives. It is underst P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE.	f which are hereby acknowledged, assigns, and legal representatives along as described in the aforesaid nualions, divisions, reissues, and antion for the Protection of Industrial agreements to which the Unite Trademarks to issue said Letters Pood and acreed that ASSIGNEFS	the said ASSIGNOR by these , ASSIGNOR'S entire right, little application, and to the said substitutes of said application, I Property, Inter-American d States of America adheres, tetent to ASSIGNEE for the
ASSIGNOR hereby agrees to transfer a like interest upon request of said ASSIGNEE, it further remuneration, in and to any improvements, and applications for patents based if	S successors assigns and local o	epresentatives, and without the said invention;
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assig full protection and title in and to the invention bereby transferred; and	ns, and legal representatives, deer	ned essential to ASSIGNEE'S
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneral filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE	ion, to execute any and all papers : E.	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 Sumame)		
Kang-won		JEON

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

Inventor's Signature:

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(Page 1 of 2)

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SUPPLEMENTAL SHEE	T FOR DECLARATION
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ADDITIONAL INVENTOR(S)
Supplemental Sheet

(Page 2 of 2)

(E.g., Given Name (first and middle (if any)) and Family Name or Surna	me)
Min-su	CHEON
Inventor's Signature:	Date: 2019 . 63 . 25
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surna	me)
Mun-kyeong	HWANG
inventor's Signature:	Date:

Samsung's Ref: MK2016110011US0

Inventor's Signature:

Document Description: Oath or declaration filed		
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IMAGE DISPLAY METHOD AND ELECTRON	IC DEVICE THEREFO	DR
(Title of the invention)		
As a below named inventor, I hereby declare that:		
This declaration is directed to:		
∑ The attached application,		W
OR		
☐ United States Application Number or PCT International application number PCT/K filed on 2019-09-29.	R2017/011023	
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 th	e application.	
I hereby acknowledge that any willful false statement made in this declaration is punishal by fine or imprisonment of not more than five (5) years, or both.	0000 00000000 0000 00000000	
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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 the	successors, assigns, and legal recent, growing out of or related to	epresentatives, and without the said invention;
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ADDITIONAL INVENTOR(S)

Supplemental Sheet

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(E.g., Given Name (first and middle (if any)) and Family No	ame or Sumame)
Min-su	CHEON
Inventor's Signature:	Date:
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family No	ame or Surname)
Mun-kyeong	HWANG
Inventor's Signature:	Date: 2019, 3,14

PATENT REEL: 048846 FRAME: 0499

RECORDED: 04/10/2019