504603698 10/20/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4650410

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IL-JU MUN	10/10/2017
KEON KUK	10/10/2017
JI-WOON YEOM	10/19/2017

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:	15789184

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

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-6280-156
NAME OF SUBMITTER:	UPDEEP S. GILL
SIGNATURE:	/UPDEEP S. GILL/
DATE SIGNED:	10/20/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT 504603698 REEL: 043912 FRAME: 0221

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Document Description: Oath or declaration filed

	Attorney Docket Number	USG-6280-155
	First Named Inventor	MUN
INVENTOR'S DECLARATION AND ASSIGNMENT		
APPLICATION (37 CFR 1.63) USING AN APPLICA Declaration Submitted With Initial Filing	NIIUN DATA SHEET	(37 CFR 1.76)
End proportions organized sates truths truth		
OR		
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.	16(f)) required)	
EMI SHIELDING STRUCTI	JRE	
(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 of 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	s application.	
I hereby acknowledge that any willful false statement made in this declaration is punished by line or imprisonment of not more than five (5) years, or both.	ole under 18 U.S.C. 1001	
WHEREAS, the undersigned (hersinafter ASSIGNOR), has made an invention to the App		***************************************
WHEREAS, Samsung Electronics Co., Ltd. (hereinsiter ASSIGNEE), a corpor Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16877 Republic	of Korea, is desirous of acquiri	ng an interest therein;
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the said ASSIGNOP by these presents hereby sells, assigns, and transfers unto the said ASSIGNEE, its successors, assigns, and legal representatives. ASSIGNOP'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 besed thereon including any and all continuations, divisions, reissues, and substitutes of said application, and all resulting patients, together with the right of priority under the International Convention for the Protection of Industrial Property. Inter-American Convention Relating to Patients, 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 Patients and Trademarks to issue said Letters Patient to ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns, and legal representatives. It is understood and agreed that ASSIGNEE's altorneys 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 the	reon, grewing 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	t, 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.	n, to execute any and all papers of	desired by ASSIGNEE, for the
AGREED and executed as noted below:		
LEGAL NAME OF SOILE OR FIRST INVENTOR: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)		***************************************
Il-ju		MUN
Inventor's Signature:	Date: Och	10 . 2017

[2] Additional inventors are being named on the 1 supplemental sheet(s) PTO/AIA/10 attached herato

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 CFB] §1.56

(Page 1 of 2)

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

(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)	
Kecin	KÚK
/hner	oct 10, 2017
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Ji-woon	YEOM

PATENT

REEL: 043912 FRAME: 0224

Document Description: Oath or declaration filed

Attorney Docket Number	USG-6280-156
First Named Inventor	BALLINE

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)	
EMI SHIELDING STRUCTURE	
(Title of the Invention)	
As a below named inventor, I hereby declare that:	
This declaration is directed to:	
☑ The attached application,	
OR COR	
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 under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.	
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Application identified above.	
WHEREAS, Samsung Electronics Co., Ltd. (hereinafter ASSIGNEE), a corporation having an office and place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677 Republic of Korea, is desirous of acquiring 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 successors, assigns, and legal representatives, and without further remuneration, in and to any improvements, and applications for patents based thereon, growing out of or related to the said invention;	
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, and legal representatives, deemed essential to ASSIGNEE'S full protection and title in and to the invention hereby transferred; and	
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE, for the filing 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)	
II-ju MUN	
Inventor's Signature: Date:	

[2] 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)

SUPPLEMENTAL SHEET FOR DECLARATION	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 Sc	mane)
Keon	KUK
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Su	imame)
Ji-woon	YEOM
Timour yeur	October 19, 2017

RECORDED: 10/20/2017