506047263 05/06/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6093977

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DO GON KIM	04/28/2020
KYUNG SU KIM	04/21/2020
SUNG JIN KIM	04/21/2020
KUMAR ANKIT	04/21/2020
GANG HUI LEE	04/28/2020
HYUNG MIN LEE	04/22/2020
JAE HYUN PARK	04/22/2020

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:	16761957

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: MICHAEL J. SHEA

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: MJS-6280-339

NAME OF SUBMITTER: MICHAEL J. SHEA

SIGNATURE: /MICHAEL J. SHEA/

DATE SIGNED: 05/06/2020

Total Attachments: 6
source=6280-339_Executed_Declaration_Assignment#page1.tif
source=6280-339_Executed_Declaration_Assignment#page2.tif
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source=6280-339 Executed Declaration Assignment#page6.tif

Document Description: Oath or declaration filed

Attorney Docket Number MJS-6280-339

First Named Inventor

KIM

INVENTOR'S DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63) USING AN APPLICATION DATA SHEET (37 CFR 1.76)

APPARATUS FOR GENERATING USER INTEREST INFORMATION AND METHOD THEREFOR

(Title of the Application)

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 PCT/KR2018/003972

filed on 2018-04-04.

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 128, 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 selfs, 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 for 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 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.

ASSIGNOR hereby authorizes and requests ASSIGNEE'S attorney(s), Nixon & Vanderhye PC, of Customer Number 130936, to insert here in parentheses () the filing date and application number of said application when known.

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)

Do Gon

KIM

Inventor's Signature.

ZIE P

Date

2020.06.28

[6] Additional inventor(s) named on the 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 Ref: MD-201707-022-1-US0 DOCKET NO.: MJS-6280-339

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	Sumame)
Kyung Su	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)
Sung Jin	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)
Kumar	ANKIT
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)
Gang Hui	LEE
Inventor's Signature: の(つもと	Date: 2020, 04, 25
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or	Surname)
Hyung Min	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	Sumarne)
Jae Hyun	PARK
Inventor's Signature:	Date:

Document Description: Oath or declaration filed

Attorney Docket Number	MJS-6280-339
First Named Inventor	KIM

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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 PCT/KR2018/003972		
filed on <u>2018-04-04</u> .		
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.		
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AGKEED 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 Surr	ame)
Do Con	KIM
Do Gon	VIIVI
Inventor's Signature:	Date:

[6] Additional inventor(s) named on the supplemental sheet(s)

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Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or S	Sumame)	
Kyung Su	, KIM	
Inventor's Signature: Kyung Sil K.M	Date: 54 - 2/ - 2020	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or (Surname)	
Sung Jin	KIM	
Inventor's Signature: Sung I'm Kin	$\eta = \frac{\text{Date:}}{04 - 2/ - 2020}$	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or	Surname)	
Kumer	ANKIT	
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)	
Gang Hui	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 Sumame)		
Hyung Min	LEE	
Inventor's Signature: Hydry Miw Lec	Date: 0	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or	Sumame)	
Jae Hyun	PARK	
Inventor's Signature: JA - Vall	Date: April , W. Wor	

Document Description: Oath or declaration filed

Attorney Docket Number	MJS-6280-339
First Named Inventor	KIM

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2000 A 2004 A 20

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As a below named inventor, I hereby declare that:		
This declaration is directed to:		
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Sung Jin		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)		
Kumar		ANKIT
Inventor's Signature:		Date: 2020/04/21
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Gang Hui		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 S	Surname)	
Hyung Min		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)		
Jae Hyun		PARK
Inventor's Signature:		Date: