

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT4847905

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE'S COUNTRY TO BE KOREA, REPUBLIC OF previously recorded on Reel 037851 Frame 0177. Assignor(s) hereby confirms the COUNTRY IS KOREA, REPUBLIC OF.
CONVEYING PARTY DATA	
Name	Execution Date
BOK-DEUK JEONG	01/14/2016
ANATOLY STEPANOV	02/15/2016
SUNG-MIN LEE	01/14/2016
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:	15046921
CORRESPONDENCE DATA	
Fax Number:	(703)816-4100
<i>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.</i>	
Phone:	7038164000
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-2834-186
NAME OF SUBMITTER:	UPDEEP S. GILL
SIGNATURE:	/UPDEEP S. GILL/
DATE SIGNED:	03/02/2018
Total Attachments: 4	
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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT3745080

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BOK-DEUK JEONG	01/14/2016
ANATOLY STEPANOV	02/15/2016
SUNG-MIN LEE	01/14/2016
RECEIVING PARTY DATA	
Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU
City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF
Postal Code:	16677
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15046921
CORRESPONDENCE DATA	
Fax Number:	(703)816-4100
<i>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.</i>	
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-2834-186
NAME OF SUBMITTER:	UPDEEP S. GILL
SIGNATURE:	/UPDEEP S. GILL/
DATE SIGNED:	02/18/2016
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 3	
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Doc code: Oath
Document Description: Oath or declaration filed

Samsung's Ref: GN2014120011US0

Attorney Docket Number	USG-2834-188
First Named Inventor	JEONG

**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)

**METHOD OF COMMUNICATING WITH PERIPHERAL DEVICE IN ELECTRONIC
DEVICE ON WHICH PLURALITY OF OPERATING SYSTEMS ARE DRIVEN, AND THE
ELECTRONIC DEVICE**

(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 under 18 U.S.C. 1001
by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the undersigned (hereinafter each 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 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 in 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)

Bok-deuk

JEONG

Inventor's Signature:

Bokdeuk Jeong

Date:

Jan 14, 2016

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

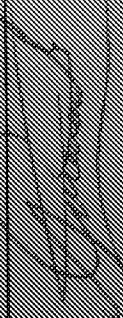
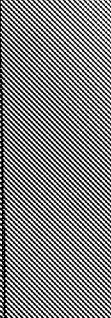
Note: PTO Rules state "A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in [37 CFR] § 1.56

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PATENT
REEL: 045488 FRAME: 0052

SUPPLEMENTAL SHEET FOR DECLARATION	ADDITIONAL INVENTOR(S) Supplemental Sheet (for PTO/AIA/08/09)
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(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) Anatoly STEPANOV	
Inventor's Signature: 	Date: 15.02.2016
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname) Sung-min LEE	
Inventor's Signature: 	Date:

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 Surname)

Anatoly

STEPANOV

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-min

LEE

Inventor's Signature:

Date:

Jan 14, 2016