504455343 07/13/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEOYOUNG LEE	07/03/2017
BADO LEE	07/03/2017
YUMIN JUNG	07/03/2017
DAEHEE KIM	07/03/2017
DAE-KYU SHIN	07/03/2017
SUNG DAE CHO	07/03/2017
JI-YOON PARK	07/03/2017

RECEIVING PARTY DATA

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State/Country:	e/Country: KOREA, REPUBLIC OF	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15648766

CORRESPONDENCE DATA

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Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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ATTORNEY DOCKET NUMBER: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	USG-6297-63
NAME OF SUBMITTED.	LIBDEED & CIL

NAME OF SUBMITTER: UPDEEP S. GILL
SIGNATURE: /UPDEEP S. GILL/

DATE SIGNED: 07/13/2017

504455343 PATENT REEL: 042998 FRAME: 0112

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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PATENT REEL: 042998 FRAME: 0113 Doc code: Oath

Document Description: Oath or declaration filed

Attorney Docket Number	USG-6297-63
First Named Inventor	IEE

Litst Married Inventor CCC			
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)			
ELECTRONIC DEVICE AND OPERATION METHOD THEREOF			
(Title of the Invention)			
As a below named inventor, I hereby declare that:			
This declaration is directed to:			
∑ The attached application,			
OR CONTRACTOR OF THE CONTRACTO			
United States Application Number or 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 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 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 fille 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)			
Seoyoung LEE			
Inventor's Signature: Date: Tulis 1 20/07			

[6] 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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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)		
Bado	LEE	
Inventor's Signature: BASO LEE	Oate: 50 4 3 , 2017	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Yumin	JUNG	
Inventor's Signature: Yum'n Juno	July 3, 2017	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Daehee	KIM	
Inventor's Signature: Dae Lee Krim	Date: July 3, 20/7	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Sumame)	7	
Dae-Kyu	SHIN	
Inventor's Signature: SHIN DAEKSU	Deto: July 3 >o/1)	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
Sung Dae	сно	
Inventor's Signature: Surge Dae Cho	Date: 3 2.017	
Legal Name of Additional Joint Inventor, if any:		
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)		
.Ji-Yoon	PARK	
Inventor's Signature:	Date: July 3, 2017	

PATENT REEL: 042998 FRAME: 0115

RECORDED: 07/13/2017