503364116 06/24/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIN-HE JUNG	05/31/2015
MIN-KYUNG HWANG	05/31/2015
KYU-SUNG CHO	06/01/2015
IK-HWAN CHO	06/01/2015
JI-HYUN PARK	05/31/2015
YONG-JOON JEON	05/31/2015

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14748629

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

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Correspondent Name: UPDEEP S. GILL

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Address Line 4: ARLINGTON, VIRGINIA 22203

ATTORNEY DOCKET NUMBER:	USG-6243-2	
NAME OF SUBMITTER:	UPDEEP S. GILL	
SIGNATURE:	/UPDEEP S. GILL/	
DATE SIGNED:	06/24/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

PATENT REEL: 036016 FRAME: 0833

Total Attachments: 4

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PATENT REEL: 036016 FRAME: 0834 Doc code: Oath

Document Description: Oath or declaration filed

, The state of the	Attorney Docket Number USG-6243-2		
	JUNG		
INVENTOR'S DECLARATION AND ASSIGNMENT F APPLICATION (37 CFR 1.63) USING AN APPLICATION Declaration Submitted With Initial Filing			
OR	entry sensitative virticipe		
Declaration Submitted After Initial Filing (surcharge (37 C.F.R. § 1.1	6(f)) required)		
METHOD AND ELECTRONIC DEVICE FOR PROVIDING	INFORMATION		
(Title of the Invention)	100-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0		
As a below named inventor, I hereby declare that:	Addition of the state of the st		
This declaration is directed to:	ssieners/ii		
∑ The attached application,			
OR	Weekler Committee of the Committee of th		
United States Application Number or PCT International application number filed on	Signatura diperturban di seria		
The above-identified application was made or authorized to be made by me.	ave v		
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 by fine or imprisonment of not more than five (5) years, or both.			
WHEREAS, the undersigned (hereinafter ASSIGNOR), has made an invention in the Applic			
WHEREAS, Samsung Electronics Co., Ltd. (hereinafter ASSIGNEE), a corporation of Korea Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 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 st further remuneration, in and to any improvements, and applications for patents based there	on, growing out of or related to the said invention;		
ASSIGNOR hereby agrees to execute any papers by ASSIGNEE, its successors, assigns, a full protection and title in and to the invention hereby transferred; and	and legal representatives, deemed essential to ASSIGNEE'S		
ASSIGNOR hereby agrees, upon request of ASSIGNEE, and without further remuneration, filling and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.	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 Surname)	**************************************		
Jin-He	JUNG		
Inventor's Signature:	Date: May 3 2015		

[5] 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 IN Supplemental Sheet (for	VE PTO	NTOR(S) /AIA//08/09)	
	L	The final control of the control of		(Page 2 of 2)
Legal Name of Additional Joint Inventor, if any:	AANIHAYAAAAANININII ISNAMISEO Annoonininininin oo	ON HIS CONTROL OF	COMMON CONTROL	alayan an a
(E.g., Given Name (first and middle (if any)) and Family Name or Su	rname)	and and specifical confidence in the		
Min-Kyung			HWA	NG
Inventor's Signature: Date:		Date:	May 31,	2015
Legal Name of Additional Joint Inventor, if any:		•	eraniineen kan kan kan kan kan kan kan kan kan ka	Bigging section is an order for my management of the my my my my model of coloring development
(E.g., Given Name (first and middle (if any)) and Family Name or Su	rname)			A service of the serv
Kyu-Sung			СН	P
Inventor's Signature:	ſ	Date:		
Legal Name of Additional Joint Inventor, if any:		***************************************	in the second secon	in contraction (contraction of the contraction of t
(E.g., Given Name (first and middle (if any)) and Family Name or Su	rname)		producers season and as the season and producers and produ	
lk-Hwan			СН	0
Inventor's Signature:	Ę	Date:		
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Legal Name of Additional Joint Inventor, if any:			orden en men del mendels de la come ne mone de la come d	
(E.g., Given Name (first and middle (if any)) and Family Name or Su	mame)		two y was	
Ji-Hyun Inventor's Signature: \rightarrow-			PAF	K
Tivernor's Signature,		Date:	May. 31.	>015
Legal Name of Additional Joint Inventor, if any:				NO. 45 P. A. L.
(E.g., Given Name (first and middle (if any)) and Family Name or Sur	name)			
Yong-Joon			JEC	N
Inventor's Signature:	D	Date:	(Vay 31	2015

PATENT REEL: 036016 FRAME: 0836

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SUPPLEMENTAL SHEET FOR DECLARATION

ADDITIONAL INVENTOR(S) Supplemental Sheet (for PTO/AIA//08/09)

(Page 2 of 2)

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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 Surname)			
Min-Kyung	HWANG		
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)			
Kyu-Sung	сно		
Inventor's Signature:	Date: 20(5 . 06.0)		
	2.00		
Legal Name of Additional Joint Inventor, if any:			
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)			
lk-Hwan	СНО		
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)			
Ji-Hyun	PARK		
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)			
Yong-Joon	JEON		
Inventor's Signature:	Date:		

PATENT REEL: 036016 FRAME: 0837

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)	
Min-Kyung	HWANG
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)	
Kyu-Sung	СНО
Inventor's Signature:	Date:
Legal Name of Additional Joint Inventor, if any:	u <mark>dicarjonancio de senticario de constante en constante en constante en constante en constante en constante en</mark>
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
ik-Hwan	СНО
Inventor's Signature:	Date: 26.01
Legal Name of Additional Joint Inventor, if any:	
(E.g., Given Name (first and middle (if any)) and Family Name or Surname)	
Ji-Hyun	PARK
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)	
Yong-Joon	JEON
Inventor's Signature:	Date:

PATENT REEL: 036016 FRAME: 0838

RECORDED: 06/24/2015