11/12/2019 505769392

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5816208

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONGHYUN JUNG	11/04/2019
SANGCHUL KO	11/04/2019
DONGKYU PARK	11/04/2019
BYEONGSEOB KO	11/04/2019

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.	
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU, GYEONGGI-DO	
City:	SUWON-SI	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	16677	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16681264

CORRESPONDENCE DATA

Fax Number: (202)293-7860

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: 202-293-7060

Email: sughrue@sughrue.com, tstewart@sughrue.com

SUGHRUE MION, PLLC **Correspondent Name:**

Address Line 1: 2000 PENNSYLVANIA AVENUE, N.W.

Address Line 2: SUITE 900

Address Line 4: WASHINGTON, D.C. 20006

i de la companya de		
ATTORNEY DOCKET NUMBER:	Q250128	
NAME OF SUBMITTER: TIANA R. STEWART-TEAMS		
SIGNATURE:	/Tiana R. Stewart/	
DATE SIGNED:	11/12/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

PATENT REEL: 050985 FRAME: 0293

505769392

source=Q250128DecandAssignTBF#page1.tif source=Q250128DecandAssignTBF#page2.tif

PATENT REEL: 050985 FRAME: 0294

Docket No.: Q250128 Only After Sept 16, 2012

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Whereas, We, the undersigned inventors hereinafter called assignors, have invented certain improvements described in the application identified below; and

Whereas, <u>SAMSUNG ELECTRONICS CO., LTD. of 129</u>, <u>Samsung-ro. Yeongtong-gu, Suwon-si, Gveonggi-do, 16677</u>, <u>Republic of Korea</u>, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all other countries, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, and including rights of priority under the International Convention of Paris (1883) as amended, the laws of all foreign countries, and the laws of the United States including the right to claim priority under 35 USC 119 and the right to sue for past damages, and we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and we hereby agree that the assignee may apply for foreign Letters Patent on the invention and we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

(Legalization not required for recording but is prima facie evidence of execution under 35 USC 261)				
As the below named inventor, I hereby declare that:				
This assignment with declaration is directed to:	Ø	The attached application, or		
		United States Application or PCT International Application Number	filed	
The application is entifled:		on		

DISPLAY APPARATUS

The above identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application for which this assignment with declaration is being submitted.

I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

NAME OF SOLE OR FIRST INVENTOR:				
Given Name (first and middle [if any]) Donghyun	Family Name or Surname JUNG			
Inventor's signature Jung Pong Hygin	Date 2019, 11, 4			
Residence: Suwon-si, Republic of Korea				
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeon	ggi-do, 16677, Republic of Korea			
NAME OF SECOND INVENTOR:				
Given Name (first and middle [if any]) Sangchul	Family Name or Surname KO			
Inventor's signature Date 2019, 11, 49				
Residence: Suwon-si, Republic of Korea				
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeon	ggi-do, 16677, Republic of Korea			
NAME OF THIRD INVENTOR:				
Given Name (first and middle [if any]) Dongkyu	Family Name or Surname PARK			
Inventor's signature Dang kyu Park	Date 2019 11.4			
Residence: Suwon-si, Republic of Korea				
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea				
NAME OF FOURTH INVENTOR:				
Given Name (first and middle [if any]) Byeongseob Family Name or Surname KO				
Inventor's signature Brong Scob Ko	Date 2019, 11, 4			
Residence: Suwon-si, Republic of Korea				
Mailing Address: 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea				