505906297 02/07/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAEHYANG LEE	01/20/2020
BYEONGCHEOL HYEON	01/20/2020

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:	16785021	

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ATTORNEY DOCKET NUMBER: Q252345		
NAME OF SUBMITTER:	THOMAS HUNDLEY (TEAMS DEPT.)	
SIGNATURE:	/thundley/	
DATE SIGNED:	02/07/2020	
This document serves as an Oath/Declaration (37 CFR 1.63).		

Total Attachments: 2

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PATENT REEL: 051853 FRAME: 0871

505906297

Docket No.:

Q252345

Samsung Ref.: CE-201812-007-1-US0

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.</u> Gyeonggi-do. 16677, Republic of <u>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 assignor, 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	ng bet	is prima facie evidence of execution under 35 USC 261)
As the below named inventor, I hereb	y decl	lare that:
This assignment with declaration is directed to:	Ø	The attached application, or
arecau.	□	United States Application or PCT International Application Numberfiled on,
The application is entitled:		
<u>DISPL</u>	AY A	PPARATUS AND CONTROLLING METHOD THEREOF
The above identified application was i	nade	or was authorized to be made by me.
believe that I am the original invento	r or a	n original joint inventor of a claimed invention in the application.
bave reviewed and understand the co	ontent	s of the application for which this assignment with declaration is being submitted.
am aware of the duty to disclose to t	he Of	fice all information known to me to be material to patentability as defined in 37 CFR 1.56.
hereby acknowledge that any willful it imprisonment of not more than five		statement made in this assignment with declaration is punishable under 18 USC 1001 by finears, or both.

PATENT REEL: 051853 FRAME: 0872

NAME OF SOLE OR FIRST INVENTOR:					
Given Name (first and middle [if any]) Jaehyang	Family Name or Surname LEE				
Inventor's signature	Date January 20, 2000				
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NAME OF SECOND INVENTOR:					
Given Name (first and middle {if any}) Byeongcheol	Family Name or Surname HYEON				
Inventor's signature By Cowy Ched HYye ov 1	Daie Jan 20 1626				
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Mailino Address: 129 Samsuno-ro Vennotono-on Suwon-si Gvennooi-do, 16677 Republic of Korea					

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