PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYUNGJUN LIM	04/15/2019
TAEGYOUNG AHN	04/15/2019
YOUNGSU MOON	04/15/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16399018	

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ATTORNEY DOCKET NUMBER:	Q246059	
NAME OF SUBMITTER:	TODD YARBOROUGH, TEAMS DEPT	
SIGNATURE:	/Todd Yarborough/	
DATE SIGNED:	04/30/2019	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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PATENT REEL: 049037 FRAME: 0636 505453399

Docket No.:

Q246059

Samsung Ref: CL-201810-001-1-US0 Only After Sept 16, 2012

ASSIGNMENT WITH DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1,63)

Whereas, I/We, the undersigned inventor(s) hereinafter called assignor(s), have invented certain improvements described in the application identified below; and

Whereas, <u>SAMSUNG ELECTRONICS CO., LTD. of 129, Samsung-ro. Yeongtong-gu, Suwon-si, Gyeonggi-do. 16677, Republic of Korea</u>, (assignce), 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.

I/We, the above named assignor(s), bereby 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 I/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 I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/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 here	by dec	clare that:		
This assignment with declaration is directed to:	Ø	The attached application, or		
The application is entitled:		United States Application or PCT International Application Number on	filed	

DISPLAY APPARATUS AND IMAGE PROCESSING METHOD THEREOF

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 line or imprisonment of not more than five (5) years, or both.

PATENT REEL: 049037 FRAME: 0637

NAME OF SOLE OR FIRST INVENTOR:				
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PATENT REEL: 049037 FRAME: 0638

RECORDED: 04/30/2019