505993518 03/31/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
SANGWON KIM	12/12/2019
JEONGRYEOL SEO	12/12/2019
YOUNGKOOK KIM	12/12/2019

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16835960	

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NAME OF SUBMITTER:	TODD YARBOROUGH - TEAMS	
SIGNATURE:	/Todd Yarborough/	
DATE SIGNED:	03/31/2020	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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> **PATENT REEL: 052279 FRAME: 0363** 505993518

Docket No.:

Q251341

Samsung Ref: CA-201905-044-1-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.</u> <u>Yeongtong-gu. Suwon-si.</u> <u>Gyeonggi-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 recordin	g but	is prima facie evidence of execution under 35 USC 261)
As the below named inventor, I hereby	decl	are that:
This assignment with declaration is directed to:	0	The attached application, or United States Application or PCT International Application Numberfiled
The application is entitled:		OH
DISI	'LA'	APPARATUS AND CONTROL METHOD THEREOF
The above identified application was n	nade	or was authorized to be made by me.
I believe that I am the original invento	rora	n original joint inventor of a claimed invention in the application.
I have reviewed and understand the co	ntent	s of the application for which this assignment with declaration is being submitted.
I am aware of the duty to disclose to il	ne Of	fice all information known to me to be material to patentability as defined in 37 CFR 1.56.
I hereby acknowledge that any willful or imprisonment of not more than five		statement made in this assignment with declaration is punishable under 18 USC 1001 by fin years, or both.

PATENT REEL: 052279 FRAME: 0364

NAME OF SOLE OR FIRST IN	IVENTOR:		
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PATENT REEL: 052279 FRAME: 0365