505539113 06/21/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ARIS PAPASAKELLARIOU	06/21/2019

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16449252

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NAME OF SUBMITTER:	JACOB L. LACOMBE	
SIGNATURE:	/Jacob L. LaCombe/	
DATE SIGNED:	06/21/2019	

Total Attachments: 1

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PATENT 505539113 REEL: 049559 FRAME: 0555

DECLARATION (37 CFR L63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR L76) AND ASSIGNMENT

ENHANCEMENTS TO RECEPTION RELIABILITY FOR DATA AND CONTROL INFORMATION.

Igrention	
As the undersigned inventor, Thereby declare that	
This combined declaration and - IST he attached applications is directed to - IST he attached applications are supplied filled on	on, or ion or PCT International application number
The above identified application was made or authorized (o 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 applica assignment is being submitted.	tion including the claims, for which this combined declaration and
I am aware of the duty to disclose to the Office all information $\mathbb{R}_{>0}$	tion known to me to be material to patentability as defined in 37 CFR
	ooration, having a place of business at 129. Samsung-ro, Yeongtong-gu d to as "ASSIGNEE"), desires to acquire the entire right, title and nied thereon in the United States and foreign countries:
inventors, hereby sell, assign and transfer to said ASSIGN above-identified application and the invention disclosed the applications, and corresponding priority applications inclu-	the receipt whereof is hereby acknowledged. We, the below named FF, its successors and assigns, the entire right, title and interest in the erein in all countries, including all divisional applications, continuation ding those to which priority is claimed under the International tutions, and renewals thereof, and to all patents that may be granted
granted to said ASSIGNEE, its successors and assigns. Fi	is in the United States and all foreign countries to issue patents, when arther, We agree that said ASSIGNEE, its successors and assigns, may nout further authorization from us. Also, We agree to execute all ASSIGNEE, its successors and assigns, in obtaining and enforcing
I bereby acknowledge that any willful faise statement mad [3 S.C. [60]] by fine or imprisonment of not more than five	e in this combined declaration and assignment is punishable under 18 (5) years, or both
LEGAL NAME OF FIRST INVENTOR (e.g., full first na	me, middle initial, last name)
Inventor Aris Papasakellariou	Date 6/21/19
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2018/07/002/SR0 SAMS10-01418

Title of

PATENT REEL: 049559 FRAME: 0556