PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6298669

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INWOO HA	09/14/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17021196

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DATE SIGNED:	09/15/2020

Total Attachments: 2

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PATENT 506251924 REEL: 053773 FRAME: 0577

COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

DECLARATION

As a below-named inventor, I	hereby declare that this declaration is directed to the application attached hereto, o
to United States Application N	lumber or PCT International Application Number
filed on	(if applicable), entitled:
METHOD OF PLA	YING BACK IMAGE ON DISPLAY DEVICE AND DISPLAY DEVICE
The above-identified applicati	on was made or authorized to be made by me.
I believe I am the original inve	entor or an original joint inventor of a claimed invention in the above-identified
	y willful false statement made in this declaration is punishable under 18 USC 1001 tmore than five (5) years, or both.
I have reviewed and understa	and the contents of the above-identified application, including the claims.
to be material to patentability information that became available.	lose to the United States Patent and Trademark Office all information known to me as defined in 37 CFR 1.56, including for continuation-in-part applications, material lable between the filing date of the prior application and the national or PCT continuation-in-part application.
	ASSIGNMENT
For valuable consideration, I,	as a below-named assignor, hereby assign to:
Samsung Electronics 129, Samsung-ro, Ye Suwon-si, Gyeonggi- Republic of Korea	eangtong-gu
and its successors and assig	ns (collectively hereinafter called "the Assignee"), the entire right, title, and interest
	ventions and improvements that are the subject of the application identified in the
above declaration, which is U	Inited States Application Number or PCT International Application Numberfiled on

I authorize and request the attorneys appointed in the above-identified application to hereafter complete this Assignment by inserting above the application number and the filing date of the above-identified application when known, and to correct any typographical errors that may be discovered in this Assignment.

This Assignment includes the above-identified application, any and all United States and foreign patents, utility models, and design registrations granted for any of the inventions and improvements that are the subject of the above-identified application, and the right to claim priority based on the filing date of the above-identified application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and I authorize the Assignee to apply in all countries in my name or in its own name for patents, utility models, design registrations, like rights of exclusion, and inventors' certificates for any of the inventions and improvements that are the subject of the above-identified application; and I agree for myself and my heirs, legal representatives, and assigns without further compensation to perform such lawful acts and to sign such further applications, Assignments, preliminary

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COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

statements, and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

In witness whereof, I, as a below-named inventor and assignor, intending to be legally bound, have hereunto affixed my signature on the date indicated below next to my signature.

Inventor's Legal Name	Inwoo HA	us il	* .	
Inventor's Signature		Date	9-14-	-5050
Residence (City, Country)	Seongnam-si, Republic of Korea			
Mailing Address	Samsung Advanced Institute of Technolog Gyeonggi-do 16678, Republic of Korea	gy, 130, Sams	sung-ra, Yeongtong	-gu, Suwon-si,

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RECORDED: 09/15/2020