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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5313929

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HYE YOUNG JANG	12/01/2018
JI YOON YOON	12/07/2018
JAE JEONG KIM	12/07/2018
MI A OH	12/07/2018
JI KYOUNG KIM	12/07/2018

RECEIVING PARTY DATA

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State/Country:	KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF
Postal Code:	16677

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29676057

CORRESPONDENCE DATA

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DATE SIGNED:	01/08/2019

Total Attachments: 3

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COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

DECLARATION

	clare that this declaration is directed to the application attached hereto, or
to United States Application Number or filed on	PCT International Application Number
DISPLAY SCREEN OR PORTION 1	HEREOF WITH TRANSITIONAL GRAPHICAL USER INTERFACE
The above-identified application was ma	ide or authorized to be made by me.
I believe I am the original inventor or an application.	original joint inventor of a claimed invention in the above-identified
I hereby acknowledge that any willful fall by fine or imprisonment of not more than	se statement made in this declaration is punishable under 18 USC 1001 in five (5) years, or both.
I have reviewed and understand the cor	itents of the above-identified application, including the claims.
to be material to patentability as defined	United States Patent and Trademark Office all information known to me in 37 CFR 1.56, including for continuation-in-part applications, material een the filing date of the prior application and the national or PCT on-in-part application.
	ASSIGNMENT
For valuable consideration, I, as a below	r-named assignor, hereby assign to:
Samsung Electronics Co., Ltd. 129, Samsung-ro, Yeongtong-g Suwon-si, Gyeonggi-do 16677 Republic of Korea	J
and its successors and assigns (collecting	vely hereinafter called "the Assignee"), the entire right, title, and interest
throughout the world in the inventions as	nd improvements that are the subject of the application identified in the
above declaration, which is United State 29/676,057 filed on	s Application Number or PCT International Application Number January 8, 2019
I authorize and request the attorneys ap Assignment by inserting above the appli	pointed in the above-identified application to hereafter complete this cation number and the filing date of the above-identified application when errors that may be discovered in this Assignment.
This Assignment includes the above-ide models, and design registrations granted	ntified application, any and all United States and foreign patents, utility of for any of the inventions and improvements that are the subject of the

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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

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COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

compensation to perform such lawful acts and to sign such further applications, Assignments, preliminary 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	Hye Young JANG		
Inventor's Signature	2/1/100	Date	2019.12.01
Residence (City, Country)	Suwon-si, Republic of Korea		
Meiling Address	129, Samsung-io, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea		
inventor's Legal Name	Ji Yoon YOON		
Inventor's Signature		Date	7018, 12.17
Residence (City, Country)	Suwon-si, Republic of Korea		······································
Mailing Address	129, Samsung-ro, Yeongtong-gu, Su	won-si, Gyeonggi-c	io, Republic of Korea
Inventor's Legal Name	Jae Jeong KIM		
Inventor's Signature	7/2M 76	Date	2018, 12,19
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Mailing Address	129, Samsung-ro, Yeongtong-gu, Suwori-si, Gyeonggi-do, Republic of Korea		
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Inventor's Signature	ain	Date	2018 1 12 19
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COMBINED DECLARATION AND ASSIGNMENT UNDER 37 CFR 1.63(e)

Inventor's Legal Name	Ji Kyoung KIM		
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