505985265 03/25/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6031974

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAEMIN SHIN	09/03/2019
SANGWOO KIM	09/03/2019
GYUJEONG LEE	09/03/2019
HYEJIN JOO	09/03/2019
JONGHO HONG	09/03/2019

RECEIVING PARTY DATA

Name: SAMSUNG DISPLAY CO., LTD.	
Street Address: 1, SAMSUNG-RO, GIHEUNG-GU	
City:	YONGIN-SI, GYEONGGI-DO
State/Country: KOREA, REPUBLIC OF	
Postal Code:	17113

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16830174

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 04083311670

Email: jkim@innovationcounsel.com

Correspondent Name: KIEUN SUNG

Address Line 1: 2890 ZANKER ROAD

Address Line 2: SUITE 200

Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	KORY03779 US
NAME OF SUBMITTER:	KYU WAN RYU
SIGNATURE:	/Kyu Wan Ryu/
DATE SIGNED:	03/25/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

PATENT REEL: 052229 FRAME: 0351

Total Attachments: 5

source=20200325_KORY03779US_DecAssign_EF#page1.tif source=20200325_KORY03779US_DecAssign_EF#page2.tif source=20200325_KORY03779US_DecAssign_EF#page3.tif source=20200325_KORY03779US_DecAssign_EF#page4.tif

source=20200325_KORY03779US_DecAssign_EF#page5.tif

PATENT REEL: 052229 FRAME: 0352 Title:

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY OR DESIGN PATENT APPLICATION AND ASSIGNMENT FORM¹

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

DISPLAY MODULE

WHEREAS, as a below named inventor(s), I/(we) hereby declare that: Section I. Declaration This declaration is directed to:
☐ The attached U.S. non-provisional patent application, or
U.S. non-provisional patent application number, filed on, or
PCT international patent application number, filed on
The above-identified application was made or authorized to be made by me (us).
I (we) believe that I am (we are) the original inventor (original joint inventors) of a claimed invention in the above-identified application.
¹ This form requires the use of an Application Data Sheet.
SDC Ref No. <u>LO-201811-365-1-USO</u> Attorney Ref No. <u>KORY03779 U5</u>

Page 2 of 6

PATENT 0.491073201909033
REEL: 052229 FRAME: 0353

SAMSUNG DISPLAY CO., LTD.

I (we) hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Power of Attorney: I/we hereby appoint as my attorneys, with full powers of substitution and revocation, to prosecute this application and transact all business in the Patent and Trademark Office practitioners associated with Customer Number 90323.

Section II. Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

Samsung Display Co., Ltd.

having an address at 1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea (hereinafter designated as the Assignee), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the

Attorney Ref No. KORY03779 US SDC Ref No. <u>LO-201811-365-1-USO</u> COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

Page 3 of 6

REEL: 052229 FRAME: 0354

subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Eliano de

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of Innovation Counsel LLP the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Attorney Ref No. KORY03779 US

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 4 of 6

> PATENT REEL: 052229 FRAME: 0355

SDC Ref No. LO-201811-365-1-USO

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF	LEGAL NAME OF Family Name		Second Given Name	
FIRST INVENTOR/ASSIGNO	SHIN	JaeMin		
8.				
SIGNATURE		DATE 2019/09/03		

LEGAL N SECC INVENTOR P	DNO	Family KI	M		iven Na ingwoo	Second	 Name
\$ 1.55°.	ignature _	Sc	<u> </u>	A CONTRACT OF THE PARTY OF THE	144 111 1111	 ₩\? <i>(</i>	 \$ 3
						100	

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
THIRD INVENTOR/ASSIGNO R	LEE	Gyujeong	
SIGNATURE	0(476	DATE	1019/03/03

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FOURTH INVENTOR/ASSIGNO	.00L	Hyejin	
R SIGNATURE		TATE	7014/09/07

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM SDC Ref No. LO-201811-365-1-U50 Page 5 of 6

-		***************************************
		entile and the second of the s
r		
	SAMSUNG DISPLAY CO., LTD.	
	CARACHRIC ISION AV 700 1 TO	

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FIFTH	HONG	Jongho	
INVENTOR/ASSIGNO			
8			

SIGNATURE HONG JONGHO DATE 2019/09/03

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM SDC Ref No. LO-201811-365-1-USO Page 6 of 6

PATENT 0-1910732019090333 REEL: 052229 FRAME: 0357