PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6078380

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
IN WOO KIM	02/28/2020

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:	16858529

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:	PANK04160 US
NAME OF SUBMITTER:	KYU WAN RYU
SIGNATURE:	/Kyu Wan Ryu/
DATE SIGNED:	04/24/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 052495 FRAME: 0768

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:

Title:	DISPLAY I	DEVICE AND MANUF	ACTURING METH	OD THEREOF	
forwhich A	ssignor is about to ma	ake or has made Un	ited States or Inte	ernational applic	ation for
	and the second second				
patent.					
WHEREAS,	as a below named inv	entor(s), I/(we) her	eby declare that:		
Section I. I This declar	Declaration ation is directed to:				
\boxtimes	The attached U.S. no	n-provisional pater	st application, or		
	U.S. non-provisional		number	filed on	
	PCT international	patent application	number	ุก	led on
The above-	identified application	was made or autho	rized to be made	by me (us).	
** ** *** * * * * * * * * * * * * * * *	ve that I am (we are) t n the above-identified		r (original joint in	ventors) of a clai	med
		ta in a			
	equires the use of an Appl : LL-201907-024-1-USO		102256115 0++0	rnov Paf No : DAS	211 031 0 0 1
	: LL-201907-024-1-050 D DECLARATION (37 CFF		ATENT APPLICATIO		
PANKOREA		e again or	eres.		

PATENT 0.56963202202286 REEL: 052495 FRAME: 0769 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.

<u>Power of Attorney:</u> 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 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

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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

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.

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SAMSUNG DISPLAY CO., LTD.

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

ily Name	Family Na	Second Given Name	First Given Name	LEGAL NAME OF
KIM	KIM		In Woo	FIRST INVENTOR/ASSIGNOR
			2	
2.28	20.2	DATE_	RIM INUO	SIGNATURE
	200	DATE	BIM IVWO	SIGNATURE



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