PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6860362

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WOO SUK SEO	08/10/2021
EUI JEONG KANG	08/10/2021
YONG HOON KWON	08/10/2021
JUNG HYUN KIM	08/10/2021
SI JOON SONG	08/10/2021

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:	16474372

CORRESPONDENCE DATA

Fax Number: (516)692-8889

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: 5166928888

Email: MAIL@CHAUIPLAW.COM

Correspondent Name: F. CHAU & ASSOCIATES, LLC

Address Line 1: 130 WOODBURY ROAD

Address Line 4: WOODBURY, NEW YORK 11797

ATTORNEY DOCKET NUMBER:	8111L-677 PCT US
NAME OF SUBMITTER:	JOSEPH B. GROSS
SIGNATURE:	/JOSEPH B. GROSS/
DATE SIGNED:	08/11/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).
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Total Attachments: 5

PATENT REEL: 057151 FRAME: 0967

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PATENT REEL: 057151 FRAME: 0968

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY 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 DEVICE HAVING A BONDING FILAMENT AND METHOD OF MANUFACTURING THE SAME

for which As	signor is about to make or has r	nade United States or I	International application
for patent.			
WHEREAS, a	s a below named inventor(s), I/	(we) hereby declare th	at:
Section I. D	eclaration		
This declarat	ion is directed to:		
П	he attached U.S. non-provision	al patent application, o	r
	U.S. non-provisional patent a 27, 2019, or	pplication number <u>16/</u>	<u>/474,372</u> , filed on <u>JUNE</u>
	PCT international patent appl	ication number	, filed on
The above-id	lentified application was made o	or authorized to be ma	de by me (us).
	e that I am (we are) the original the above-identified application		inventors) of a claimed
I (we) hereby punishable u both.	acknowledge that any willful fander 18 U.S.C. 1001 by fine or in	alse statement made in norisonment of not mo	n this declaration is ore than five (5) years, or
	uires the use of an Application Data S	heat.	
SEC Ref No.	LO-201801-157-1-US1		81111-677 PCT US (SMP180030PCT-US)

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
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PATENT REEL: 057151 FRAME: 0969 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.

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 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,

SDC Ref No. LO-201801-157-1-US1

Attorney Ref No. __ KASAN Ref No.

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divisional, renewal or substitute thereof, and as to letters patent any reissue, reexamination, 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 F.Chau & Associates, LLC 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.

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

LEGAL NAME OF	Far	nilly Name		t Given Na	me	Second Given	
HRSI NVENTOR/ASSIGNOR		SEO		Woo Suk			
						. v. n	
SIGNATURE	SED	basel	kz :	I	DATE	204 J.,	· ·

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LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SECOND INVENTOR/ASSIGNOR	KANG	Eul Jeong	
			L
	Vain tri imm 2	DATE	2021 18 110
SIGNATURE	Kays Guijeons		2021.8.110

THIRD NVENTOR/ASSIGNOR	KWON		
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1,420,0	Yong Hoon	
		DATE	

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FOURTH INVENTOR/ASSIGNOR	KIM	Jung Hyun	

SDC Ref No. LO-201801-157-1-US1 Attorney Ref No. 8111L-677 PCT US/jbg KASAN Ref No. SMP180030PCT-US

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PATENT

SAMSUNG DISPLAY CO., LTD.

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FIFTH	SONG	Si Joon	
			<u> </u>
SIGNATURE	Gong 5770011	DATE	anal © To

SDC Ref No. LO-201801-157-1-US1 Attorney Ref No. 8111L-677 PCT US/jbg

KASAN Ref No. SMP180030PCT-US

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