PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUN HEE LEE	01/14/2020
SUN HO KIM	12/04/2019
HYUN JUN KIM	01/14/2020
JU CHAN PARK	12/04/2019
HYUN KIM	01/14/2020

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:	16837468

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: 516-692-8888

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-718/AYL/EJS
NAME OF SUBMITTER:	FRANK CHAU
SIGNATURE:	/Frank Chau/
DATE SIGNED:	04/01/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

PATENT REEL: 052286 FRAME: 0203

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> PATENT REEL: 052286 FRAME: 0204

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 INCLUDING A TOU	CH DETECTING UNIT	HAVING AN INSULATING
for whic	h Assignor is about to make or has mi nt.	ade United States or I	nternational application
WHEREA	S, as a below named inventor(s), I/(w	ve) hereby declare tha	at:
Section	I. Declaration		
This dec	laration is directed to:		
Ç	The attached U.S. non-provision	onal patent application	n, or
	U.S. non-provisional patent app	ofication number	Med -
	PCT international patent applic	ation number	, filed on
l (we) be	ve-identified application was made or lieve that I am (we are) the original in n in the above-identified application.		
	reby acknowledge that any willful falsole under 18 U.S.C. 1001 by fine or im		
-	state that I have reviewed and under on, including the claims.	stand the contents of	the above identified
	ledge that I am aware of the duty to ollifty as defined in 37 CFR § 1,56.	disclose information v	vhich is material to
¹ This form	n requires the use of an Application Data She	set.	
SDC Ref N	la. LO-201812-332-1-USO	Attorney Ref No. Kasan Ref No.	8111L-718/ayl SMP190073US

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
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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 ciaim 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 aforesald 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, 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

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SDC Ref No.	LO-201812-332-1-US0	Attorney Ref No.	8111L-718/ayl	

		Kasan Ref No.	SMP190073U5	

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
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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	Family Name	First Given Name	Second Given Name	
FIRST INVENTOR/ASSIGNOR	LEE	Sun Hee		
		DATE		
SIGNATURE	(Z)h~		-vovo, of, 14	
LEGAL NAME OF	Family Name	First Given Name	Second Given Name	
SECOND INVENTOR/ASSIGNOR	KIM	Sun Ho		
CHARAGE		DATE		
SIGNATURE	Sento Kin		2019 12.04	

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`		Kasan Ref No.	5MP190073US

SAMSUNG DISPLAY CO., LTD.

LEGAL NAME OF THIRD	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Hyun Jun	
SIGNATURE		DATE	
•	HyunIm Kim		220/01/14.

LEGAL NAME OF FOURTH	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	PARK	Ju Chan	
SIGNATURE		DATE	
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LEGAL NAME OF	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	KIM	Hyun	
SIGNATURE		DATE	
	76 K.		2020.01.14.

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