506422554 12/28/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6469311

		NEW ASSIGNMENT			
IATURE OF CONVEYAN	ICE:	ASSIGNMENT			
CONVEYING PARTY DA	АТА				
		Name	Execution Date		
KEUNWOO KIM			08/11/2020		
TAEWOOK KANG			08/12/2020		
DOONA KIM			08/11/2020		
BUMMO SUNG			08/12/2020		
DOKYEONG LEE			08/11/2020		
IAEHWAN CHU			08/12/2020		
RECEIVING PARTY DA	ТА				
Name:	SAMS	UNG DISPLAY CO., LTD.			
Street Address:	1, SAN	1, SAMSUNG-RO, GIHEUNG-GU			
City:	YONG	YONGIN-SI, GYEONGGI-DO			
State/Country:	KOREA, REPUBLIC OF				
Postal Code:	17113				
	rotar:	1			
		Number			
Property Type		Number 17134595			
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Property Type Application Number: CORRESPONDENCE DA Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 4: ATTORNEY DOCKET NU	e sent t provide	17134595 (516)692-8889 o the e-mail address first; if that is unsuch d; if that is unsuccessful, it will be sent via 516-692-8888 mail@chauiplaw.com F. CHAU & ASSOCIATES, LLC 130 WOODBURY ROAD WOODBURY, NEW YORK 11797 : 8021L-1521 (DP-61146-US)			
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	e sent t provide	17134595 (516)692-8889 o the e-mail address first; if that is unsuc d; if that is unsuccessful, it will be sent vi 516-692-8888 mail@chauiplaw.com F. CHAU & ASSOCIATES, LLC 130 WOODBURY ROAD WOODBURY, NEW YORK 11797 : 8021L-1521 (DP-61146-US) DAVID L. HEATH			

Total Attachments: 5

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COMBINED	DECLARATION	(37	CFR §1.63) FOR UTILITY PATENT APPLICATION AND	\$
			ASSIGNMENT FORM ¹	

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 \odot Utility or Design Application. WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

Title: THIN-FILM TRANSISTOR SUBSTRATE AND DISPLAY APPARATUS COMPRISING THE SAME

for which Assignor is about to make or has made United States or International application for patent.

WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

Section	ŝ,	Dec	lara	ntion

This declaration is directed to:

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2 30 3	2 X484 2XXX 2XX 2XXXXXX	1 1 Y Y Y Y Y Y Y Y Y Y	231 C 3422 G 82 12 C 48	2222244234	application, or
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U.S. non-provisional patent application number ______ on _____, or

PCT international patent application number ______, filed on

anii

filed

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.

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.

	res the use of an Application Data Shee			
SDC Ref No.	10-201912-108-1-050	Attorney Ref No.	802111521	
COMBINED DEC	LARATION (37 CFR 1.63) FOR UTILIT Page 1		AND ASSIGNMENT FORM	
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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, 17113, Republic of Korea (hereinafter designated as the Assignce), 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 Assignce 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, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-

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SDC Ref No.	LO-201912-108-1-US0	Attorney Ref No.	802111521	
COMBINED DEC	LARATION (37 CFR 1.63) FOR UTILIT	Y PATENT APPLICATION A	ND ASSIGNMENT FO)RM
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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 **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.

	a see and and a see instruction			
	Family Name		Second Given Name	
INVENTOR/ASSIGNOR	Kim	Keunwoo		

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

SIGNATURE

DATE 2020-8-11

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COMBIN	IED DECLARATION (37 CFR	(1.63) FOR UTILITY PAIE Page 3 of 5	NI APPLICATION AP	VU ASSIGNVIENT FOR	383
	LO-201912-10	8-1-US0_DP-61146-US_Y	P.Lee, Mock&Parth	iers	

LEGAL NAME OF Family Name First Given Name Second Given Name SECOND Kang Taewook INVENTOR/ASSIGNOR DATE SIGNATURE Kang Taruraske 2020 2.

٧.,

LEGAL NAME OF THIRD	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	Kim	Doona	
		DATE	2020 - 8 - 11

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FOURTH INVENTOR/ASSIGNOR	Sung	8ummo	
	<u>.</u>		
SIGNATURE	Bummo Gomy	DATE	2020-8-12-
SDC Ref No. LO-2	01912-108-1-US0	Attorney Ref No.	80211-1521

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PATENT 0-246227202008112 REEL: 054751 FRAME: 0130

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	Lee	Dokyeong	
	J		
SIGNATURE	Lee Do Kyon	DATE ₽	2020-8-11
L	· · · · · · · · · · · · · · · · · · ·		
LEGAL NAME OF	Family Name	First Given Name	Second Given Name
SIXTH	Chu	Jaehwan	
SIGNATURE		े DATE	2020-8-12
SDC Ref No. LO-	201912-108-1-US0	Attorney Ref No.	80211-1521