### 507064732 01/10/2022

### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Stylesheet Version v1.2

EPAS ID: PAT7111569

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
THANH TIEN NGUYEN	10/28/2019
MEEJAE KANG	10/28/2019
YONGSU LEE	10/28/2019
SANGGUN CHOI	10/28/2019

### **RECEIVING PARTY DATA**

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City:	YONGIN-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	17113

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17571895

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	21ST03761-1D US
NAME OF SUBMITTER:	SERGE J. HODGSON
SIGNATURE:	/Serge J. Hodgson/
DATE SIGNED:	01/10/2022

### **Total Attachments: 5**

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PATENT 507064732 REEL: 058603 FRAME: 0402

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> PATENT REEL: 058603 FRAME: 0403

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

	and as the declaration (37 CFR 1.63) for a Utility or Design Application. the undersigned, hereinafter referred to collectively as Assignor, has invented:
Title: MANUFACI	THIN FILM TRANSISTOR SUBSTRATE, DISPLAY APPARATUS AND METHOD OF TURING THE SAME
for which A patent.	Assignor is about to make or has made United States or International application for
WHEREAS,	as a below named inventor(s), i/(we) hereby declare that:  Declaration
This declara	ration is directed to:
M	The attached U.S. non-provisional patent application, or
State of the state	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).
This form r	requires the use of an Application Data Sheet.
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### SAMSUNG DISPLAY CO., LTD.

I (we) believe that I am (we are) the original inventor (or jinal 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.

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 jundersigned, 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 L tters Patent, utility model, or other

SDC Ref No.	LO-201809-363-	1-US0	Attorney Ref No.	21ST03761 US	
COMBINED	DECLARATION (37	CFR 1.63) FOR UTILI	TY PATENT APPLICAT	TION AND ASSIGNMENT F	MAC
Page 2 of 5					

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similar rights which may be granted thereon, including raissues, 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-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 coverants 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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SDC Ref No. <u>LO-201809-363-1-U50</u>	Attorney Ref No. 21ST03761 US
COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY	PATENT APPLICATION AND ASSIGNMENT FORM

Page 3 of 5

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

LEGAL NAME OF FIRST	Family Name	First Given Name	Second Given Name
INVENTOR/ASSIGNOR	NGUYEN	Thanh Tien	
The state of the s			
SIGNATURE	lun	DATE	2019, 10, 28
	- Commission of the Commission		

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR		KĀ	KÁNG N		rst Given Name Second G Meejae		*************				
	SIGNATUI	Meejo	4.4	4			D	ATE _	2019.	10.0	2_
			2				1144 1144 1144 1144 1144 1144 1144 114				

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	Family Name	First Given Name Yongsu	Second Given Name
SIGNATURE	Zzlu	DATE	2019,10,28

***************************************			*** ***	
SDC Ref No.	LO-201809-363-1-US0	Attornev Ref No.	21ST03761 US	

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 4 of 5

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SAMSUNG DISPLAY CO., LTD.

LEGAL NAME OF	Family Name	First Given Name	Second Given Name
FOURTH	CHOI	Sanggun	
INVENTOR/ASSIGNOR			
		***	
SIGNATURE	CHOI SALLY GUN	DATE	2019.10.20
·			

SDC Ref No. <u>LO-201809-363-1-USO</u> Attorney Ref No. <u>21ST03761 US</u>

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM
Page 5 of 5

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