506066017 05/19/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONGSUNG LEE	02/24/2020
JIHWAN KIM	03/10/2020
JONGOH SEO	03/10/2020
BYUNGSOO SO	03/10/2020
DONGMIN LEE	02/24/2020
YEONHEE JEON	03/10/2020
JONGHOON CHOI	03/10/2020
BYUNGKYU SON	03/10/2020
SEUNGHYUN JANG	03/24/2020

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16877735

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	YPL2313US	
NAME OF SUBMITTER:	JAMES J. MERRICK	
SIGNATURE: /James J. Merrick/		

506066017 PATENT REEL: 052698 FRAME: 0385

DATE SIGNED:	05/19/2020
Total Attachments: 3	
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PATENT REEL: 052698 FRAME: 0386

DECLARATION AND ASSIGNMENT

Title of Invention: THIN FILM TRANSISTOR, DISPLAY APPARATUS INCLUDING THE SAME, AND MANUFACTURING METHODS THEREOF

As a below named inventor, I hereby declare that:

This declaration is directed to:

[X] the attached application (Attorney Docket Number YPL2313US), or

[] United States application or PCT international application number _______filed on ______

The above-identified application was made or authorized to be made by me

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the ("APPLICATION");

Whereas, Samsung Display Co., Ltd., a corporation of Country of Korea having a place of business at 1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the emire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned

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had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

Lhereby 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.

Legal Name of Inventor: Dongsung Lee	
Signature: 0) 50 - CAA - 0	Date: 2020, 2,24
Legal Name of Inventor: Jihwan Kim	
Signature: 44 44 44 44 44 44 44 44 44 44 44 44 44	Date: 2020, 3.10
Legal Name of Inventor: Jongoh Seo	
Signature: 47 7% 2—	Date: 2020, 3, 16
Legal Name of Inventor: Byungsoo So Signature:	Date: <u>2020. き, 10</u>
Legal Name of Inventor: Dongmin Lee Signature: 01 & W.	Date: 2020, 2,24
Legal Name of Inventor: Yeonhee Jeon	
Signature: べ だ む	Date: 2020, 3, 10

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Legal Name of Inventor: Jonghoon Choi

Signature: 20/03/10

Legal Name of Inventor: Byungkyu Son

Signature: 247 Date: 20/03/10

Legal Name of Inventor; Seunghyun Jang

Date: <u>03/224/202</u>0

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