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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUN JIN SONG	10/12/2017
SANG SOO JEE	10/12/2017
BOREUM JEONG	10/12/2017
HYUNJEONG JEON	10/12/2017
CHANJAE AHN	10/12/2017

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD.
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU
City:	SUWON-SI, GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677
Name:	SAMSUNG SDI CO., LTD.
Name: Street Address:	SAMSUNG SDI CO., LTD. 150-20 GONGSE-RO, GIHEUNG-GU
	,
Street Address:	150-20 GONGSE-RO, GIHEUNG-GU

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15714436

CORRESPONDENCE DATA

Fax Number:

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.

Email: DJONES@cantorcolburn.com

Correspondent Name: CANTOR COLBURN Address Line 1: 20 CHURCH STREET

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103

ATTORNEY DOCKET NUMBER: PNK1709US

PATENT REEL: 051304 FRAME: 0114

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NAME OF SUBMITTER:	LEAH M. REIMER
SIGNATURE:	/Leah M. Reimer/
DATE SIGNED:	12/17/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 3	
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PATENT REEL: 051304 FRAME: 0115

DECLARATION AND ASSIGNMENT

Title of Invention: STACKED TRANSPARENT FILM AND WINDOW FOR DISPLAY DEVICE AND DISPLAY DEVICE

As a below named inventor, I hereby declare that:

This declaration is directed to:

[] the attached application (Attorney Docket Number PNK1709US), 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,

- (1) <u>SAMSUNG ELECTRONICS CO., LTD.</u>, a corporation of the <u>Republic of Korea</u> having a place of business at <u>129</u>, <u>Samsung-ro</u>, <u>Yeongtong-gu</u>, <u>Suwon-si</u>, <u>Gyeonggi-do</u>, <u>16677</u>, <u>Republic of Korea</u>, and
- (2) <u>SAMSUNG SDI CO., LTD.</u>, a corporation of the Republic of Korea having a place of business at <u>150-20 Gongse-ro</u>, <u>Giheung-gu</u>, <u>Yongin-si</u>, <u>Gyeonggi-do 17084</u>, <u>Republic of</u> <u>Korea</u>

(herein collectively referred to as "ASSIGNEE"), desire to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire 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 collectively 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

Page 1 of 3

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 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.

I 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.

The undersigned hereby grant(s) the law firm of Cantor Colburn 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.

Legal Name of Inventor: Sun Jin SONG	
Signature:	October 12, 2017
Legal Name of Inventor: Sang Soo JEE	0.1.1
Signature:	Date: October 12, 2017
Legal Name of Inventor: Boreum JEONG	
Signature: 232-2	Date: October 12, 2017
Legal Name of Inventor: Hyunjeong JEON	
Signature:	Date: October 12, 2017

Legal Name of Inventor:	Chanjae AHN	
	AhCI	October 12, 201
Signature	KIM W	Date: October 12, 2017