

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SAMSUNG ELECTRONICS CO., LTD.	10/11/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SAMSUNG DISPLAY CO., LTD.
<b>Street Address:</b>	1, SAMSUNG-RO, GIHEUNG-GU
<b>City:</b>	YONGIN-SI, GYEONGGI-DO
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15172848
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<b>NAME OF SUBMITTER:</b>	JAMES J. MERRICK
<b>SIGNATURE:</b>	/James J. Merrick/
<b>DATE SIGNED:</b>	10/17/2018
<b>Total Attachments: 3</b>	
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## ASSIGNMENT

WHEREAS, Samsung Electronics Co., Ltd., a corporation organized and existing under the laws of the Korea, having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, 16677, Republic of Korea (hereinafter referred to as "ASSIGNOR") is the owner of the entire right, title and interest in the inventions, United States patents, and United States patent applications listed on the attached Schedule of U.S. Patents and Patent Applications (hereinafter referred to as the "INVENTIONS," "PATENTS," and "APPLICATIONS," respectively):

WHEREAS, Samsung Display Co., Ltd. (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Korea, having a place of business at 1, Samsung-Ro, Giheung-Gu, Yongin-Si, Gyeonggi-Do, Republic of Korea; is desirous of acquiring an interest in any and all countries, in and to the INVENTIONS, the PATENTS, the APPLICATIONS, and any and all Patents to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, I, the ASSIGNOR, have assigned and transferred, and hereby assigns and transfers unto ASSIGNEE, the entire right, title and interest in and to the INVENTIONS, the PATENTS, the APPLICATIONS, and any and all Patents that may be issued therefrom, in any and all countries, including any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to ASSIGNEE; and I do hereby agree that I will execute all papers necessary in connection with any and all patent applications when called upon to do so by ASSIGNEE, its successors or assigns, and that I will, at the cost and expense of ASSIGNEE, fully assist and cooperate in all matters in connection with any and all patent applications and Patents issuing thereon.

The undersigned declares that all statements made herein of his or her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title

18 of the United States Code and that such willful false statements may jeopardize the validity of the APPLICATION or any Patents issuing therefrom.

By: SAMSUNG ELECTRONICS CO., LTD.

Name: SAMSUNG ELECTRONICS CO., LTD.

Title: *Kim Nam*

Date: Kim Nam Kim, President & CEO

October 11, 2018

SCHEDULE OF U.S. PATENTS

	U.S. APPLICATION NUMBER	FILING DATE	TITLE
1.	15/172,848	06/03/2016	DISPLAY DEVICE COMPENSATING CLOCK SIGNAL WITH TEMPERATURE