PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
DUK-SUNG KIM	04/14/2017
JUNG HYUN KWON	04/14/2017
DONG-YOON KIM	04/14/2017

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	
Postal Code:	17113	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17191754	

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.

Phone: 04083311670

Email: ikim@innovationcounsel.com

Correspondent Name: KIEUN SUNG

Address Line 1: 2880 ZANKER ROAD

Address Line 2: SUITE 201

Address Line 4: SAN JOSE, CALIFORNIA 95134

ATTORNEY DOCKET NUMBER:	PANK04052-1C US	
NAME OF SUBMITTER:	KYU WAN RYU	
SIGNATURE:	/Kyu Wan Ryu/	
DATE SIGNED:	03/04/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 4

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PATENT REEL: 055499 FRAME: 0672

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PATENT REEL: 055499 FRAME: 0673

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM¹

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 a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

DISPLAY DEVICE TITLE:

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 I. Declaration

This declaration is directed to:

	rne attached 0.5. non-provisional patent application, or	
	U.S. non-provisional patent application number	, filed on
	PCT international patent application number	, filed on
Γhe above-ic	lentified application was made or authorized to be made by	me (us).
	e that I am (we are) the original inventor (original joint inver entified application.	ntors) of a claimed invention in
** *	y acknowledge that any willful false statement made in .C. 1001 by fine or imprisonment of not more than five (5) y	
This form re	quires the use of an Application Data Sheet.	
	SDC Ref No. LL-201609-097-1-US0 Attorney Ref No.	PANK04052 US

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PATENT REEL: 055499 FRAME: 0674 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, Korea (hereinafter designated as the Assignee(s)), 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(s), and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee(s) 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(s) 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;

SDC Ref No. LL-201609-097-1-US0

Attorney Ref No. PANK04052 US

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PATENT CONTROL OF THE PATENT CONTROL OF THE

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(s) 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(s), 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(s).

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.

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

LEGAL NAME OF			Full	Vame	
FIRST INVENTOR/ASSIGNOR	Duk-Sung KIM				
SIGNATURE	<u> </u>	きなん	<u>6</u>	DATE -	2017.4.14

SDC Ref No. <u>LL-201609-097-1-US0</u>

Attorney Ref No. PANK04052 US

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PATENT 0171414981499356
REEL: 055499 FRAME: 0676

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	Full Name Ju ng Hyun KWON		
SIGNATURE	Jing Hyun Enam	DATE	
LEGAL NAME OF	Full Name		
THIRD			

SDC Ref No. <u>LL-201609-097-1-US0</u>

Attorney Ref No. PANK04052 US

DATE

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RECORDED: 03/04/2021

PATENT 017141492149956 REEL: 055499 FRAME: 0677