

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7204089

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SANG-HYUK WON	09/09/2019
MIN-JOO KIM	09/09/2019
JAE-WON LEE	09/10/2019
SANG-HOON PAK	09/09/2019
BYONG-HOO KIM	09/18/2019
JI-HYE LEE	09/09/2019
JAE-MAN JANG	09/18/2019
SUNG-JIN KIM	09/18/2019
JAE-HYUNG JANG	09/09/2019
RECEIVING PARTY DATA	
Name:	LG DISPLAY CO., LTD.
Street Address:	128, YEOUNI-DAERO, YEONGDEUNGPO-GU
City:	SEOUL
State/Country:	KOREA, REPUBLIC OF
Postal Code:	07336
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17685136
CORRESPONDENCE DATA	
Fax Number:	(650)938-5200
<i>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.</i>	
Phone:	6509888500
Email:	FWLGDisplayPatents@fenwick.com
Correspondent Name:	JAE WON SONG
Address Line 1:	FENWICK & WEST LLP
Address Line 2:	801 CALIFORNIA STREET
Address Line 4:	MOUNTAIN VIEW, CALIFORNIA 94041
ATTORNEY DOCKET NUMBER:	29273-51899/US
NAME OF SUBMITTER:	JAE WON SONG, REG. NO. 59,070

PATENT

SIGNATURE:	/Jae Won Song/
DATE SIGNED:	03/02/2022
Total Attachments: 6 source=51899 US Combined Declaration and Assignment (from Parent 47899)#page1.tif source=51899 US Combined Declaration and Assignment (from Parent 47899)#page2.tif source=51899 US Combined Declaration and Assignment (from Parent 47899)#page3.tif source=51899 US Combined Declaration and Assignment (from Parent 47899)#page4.tif source=51899 US Combined Declaration and Assignment (from Parent 47899)#page5.tif source=51899 US Combined Declaration and Assignment (from Parent 47899)#page6.tif	

**COMBINED DECLARATION (37 CFR 1.63) FOR U.S. PATENT APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT OF INVENTION**

Title of Invention	Display Device
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DECLARATION

As the below named and undersigned inventor, I hereby declare that:

This declaration is directed to: The attached application, 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 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.

Note to Inventor: 37 C.F.R. § 1.63(c) states: *A person may not execute an oath or declaration for an application unless that person has reviewed and understands the contents of the application, including the claims, and is aware of the duty to disclose to the Office all information known to the person to be material to patentability as defined in § 1.56.*

ASSIGNMENT

WHEREAS, I have made an invention described and/or claimed in the above-identified application;
and

WHEREAS, LG Display Co., Ltd., a corporation of the Republic of Korea, having a place of business at 128, Yeouid-daero, Yeongdeungpo-gu, Seoul, 07336, Republic of Korea, (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title, and interest in and to said invention in all countries throughout the world and the above-identified United States patent application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have assigned and do hereby assign to the ASSIGNEE, and its lawful successors and assigns, the entire right, title, and interest in and to said invention, the above-identified United States patent application and all divisions, continuations, and continuations-in-part of said application, and reissues, extensions, and renewals of Letters Patent granted thereon, and all corresponding patent applications filed in countries foreign to the United States ("foreign countries") and corresponding international patent applications, and all Letters Patents issuing on any such patent applications in the United States and foreign countries;

I hereby assign to the ASSIGNEE, and its lawful successors and assigns, the right to file patent applications in foreign countries on said invention in its own name and the right to claim priority to the above-identified United States patent application under the terms of the International Convention and any other relevant treaties;

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PATENT

REEL: 059152 FRAME: 0009

I hereby authorize and request the United States Patent and Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title, and interest in and to the same, for the sole use and benefit of the ASSIGNEE, and its lawful successors and assigns, to the full end of the term for which said Letters Patent may be granted;

I hereby grant the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document;

I hereby covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment; and

Further, I hereby further covenant and agree that I will, without further consideration, communicate with the ASSIGNEE, and its lawful successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said ASSIGNEE, and its lawful successors or assigns, execute all divisional, continuation, continuation-in-part, and reissue applications, make all rightful oaths and generally do everything possible to aid the ASSIGNEE, and its lawful successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the ASSIGNEE, and its lawful successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hands.

NAME OF INVENTOR (Full Legal Name): Sang-Hyuk WON

Signature: Sang-Hyuk WON Date: Sep. 9, 2019

NAME OF INVENTOR (Full Legal Name): Min-Joo KIM

Signature: Min-Joo Kim Date: Sep 9, 2019

NAME OF INVENTOR (Full Legal Name): Jae-Won LEE

Signature: Jae-Won LEE Date: Sep 10, 2019

NAME OF INVENTOR (Full Legal Name): Sang-Hoon PAK

Signature: Sang-Hoon PAK Date: Sep 9, 2019

NAME OF INVENTOR (Full Legal Name): Byong-Hoo KIM

Signature: Byong-Hoo KIM Date: Sep 18, 2019

NAME OF INVENTOR (Full Legal Name): Ji-Hye LEE

Signature: Ji-Hye LEE Date: Sep 9th, 2019

NAME OF INVENTOR (Full Legal Name): Jae-Man JANG

Signature: _____ Date: _____

Fenwick & West LLP



NAME OF INVENTOR (Full Legal Name): Sung-Jin KIM	
Signature: <u>Sung-Jin KIM</u>	Date: <u>Sep. 18 2019</u>
NAME OF INVENTOR (Full Legal Name): Jae-Hyung JANG	
Signature: <u>Jae-Hyung JANG</u>	Date: <u>Sep. 9 2019</u>

Fenwick & West LLP



I hereby authorize and request the United States Patent and Trademark Office and officials in patent offices in foreign countries to issue any and all of said Letters Patent to the ASSIGNEE as the assignee of my entire right, title, and interest in and to the same, for the sole use and benefit of the ASSIGNEE, and its lawful successors and assigns, to the full end of the term for which said Letters Patent may be granted;

I hereby grant the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other authority for recordation of this document;

I hereby covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment; and

Further, I hereby further covenant and agree that I will, without further consideration, communicate with the ASSIGNEE, and its lawful successors and assigns, any facts known to me respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said ASSIGNEE, and its lawful successors or assigns, execute all divisional, continuation, continuation-in-part, and reissue applications, make all rightful oaths and generally do everything possible to aid the ASSIGNEE, and its lawful successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the ASSIGNEE, and its lawful successors and assigns.

IN TESTIMONY WHEREOF, I have hereunto set my hands.

NAME OF INVENTOR (Full Legal Name): **Sang-Hyuk WON**

Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name): **Min-Joo KIM**

Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name): **Jae-Won LEE**

Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name): **Sang-Hoon PAK**

Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name): **Byong-Hoo KIM**

Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name): **Ji-Hye LEE**

Signature: _____ Date: _____

NAME OF INVENTOR (Full Legal Name): **Jae-Man JANG**

Signature: Jae-Man Jang Date: 11.9.16

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PATENT

REEL: 059152 FRAME: 0013

NAME OF INVENTOR (Full Legal Name): Sung-Jin KIM	
Signature: _____	Date: _____
NAME OF INVENTOR (Full Legal Name): Jae-Hyung JANG	
Signature: _____	Date: _____

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PATENT

REEL: 059152 FRAME: 0014