PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6474055

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| YI JOON AHN | 10/05/2020 |
| BEOM SHIK KIM | 10/05/2020 |
| JUNG HUN NOH | 10/05/2020 |

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 |
| Postal Code: | 17113 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17137892 |

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: 516-692-8888

Email: mail@chauiplaw.com

Correspondent Name: F. CHAU & ASSOCIATES, LLC

Address Line 1: 130 WOODBURY ROAD

Address Line 4: WOODBURY, NEW YORK 11797

| ATTORNEY DOCKET NUMBER: | 8111L-793 |
|-------------------------|--|
| NAME OF SUBMITTER: | WILLIAM H. HARGETT, JR. |
| SIGNATURE: | /william h. hargett, jr./ |
| DATE SIGNED: | 12/30/2020 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 4

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PATENT REEL: 054777 FRAME: 0339

COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM³

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:

| Title: | DISPLAY DEVICE AND ME | THOD OF MANUFACTU | IRING THE SAME |
|------------------------------|--|-----------------------------------|------------------------------|
| for which Ass for patent. | ignor is about to make or has | made United States or I | nternational application |
| WHEREAS, as | a below named inventor(s), I, | /(we) hereby declare th | at: |
| Section I. De | claration | | |
| This declarati | on is directed to: | | |
| | The attached U.S. non-provi U.S. non-provisional patent i on PCT international patent app | application number , or | , Nied |
| | entified application was made that I am (we are) the origina | | |
| | he above-identified applicatio | | arona y or a comme |
| | acknowledge that any willful ider 18 U.S.C. 1001 by fine or | | |
| | that I have reviewed and und cluding the claims. | lerstand the contents of | the above identified |
| | e that I am aware of the duty I as defined in 37 CFR § 1.56. | o disclose information v | which is material to |
| ¹ This form requ | uires the use of an Application Data | Sheet. | |
| SDC Ref No. | LO-201912-218-1-U50 | Attorney Ref No. Kasan Ref No. | 8111L-793/whh SMP200053US |

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM Page 1 of 4

**

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, Republic of Korea (hereinafter designated as the Assignee), 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, and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee 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 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;

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, reexamination, 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 without further or other compensation than that above set forth;

| *** | *** | ,,,,, | | W. | 444 | | *** | •••• | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----|------|-----------|-----|-----|---------|------|-----|----------|------|------|-----|-----|-----|-----------|----------|------|-----|--|--|--|-----|------|--|----|------|---|--|--|--|----|-----|-----|-------|--------|------|---|--|--|
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COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND ASSIGNMENT FORM

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, 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 aforesald, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

The undersigned hereby grant(s) the law firm of F.Chau & Associates, LLC 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 | Family Name | First Given Name | Second Given Name |
|----------------------------|-------------|------------------|-------------------|
| FIRST INVENTOR/ASSIGNOR | AHN | Yi Joon | |
| | | | |
| SIGNATURE | Yr Joon Ahn | DATE | 2020 - (0 - V5 |

| LEGAL NAME OF | Family Name | First Given Name | Second Given Name |
|-----------------------------|-------------|------------------|-------------------|
| SECOND INVENTOR/ASSIGNOR | KIM | Beom Shik | |
| | | | |
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SAMSUNG DISPLAY CO., LTD.

| LEGAL NAME OF | Family Name | First Given Name | Second Given Name |
|----------------------------|--------------|------------------|-------------------|
| THIRD INVENTOR/ASSIGNOR | нон | Jung Hun | |
| | | | |
| SIGNATURE | Jung Hun NOH | DATE | 2020/10/0V |



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