PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6283662

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| SUNG JIN YANG | 08/20/2020 |
| HYUN SIK PARK | 08/20/2020 |
| MA EUM CHO | 08/20/2020 |

RECEIVING PARTY DATA

| Name: | SAMSUNG DISPLAY CO., LTD. | | |
|-------------------|---------------------------|--|--|
| Street Address: | 1, SAMSUNG-RO, GIHEUNG-GU | | |
| Internal Address: | GYEONGGI-DO | | |
| City: | YONGIN-SI | | |
| State/Country: | KOREA, REPUBLIC OF | | |
| Postal Code: | 17113 | | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 17011905 |

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: 7032885105

Email: PATENT@PARK-LAW.COM
Correspondent Name: H.C. PARK & ASSOCIATES, PLC
Address Line 1: 1894 PRESTON WHITE DRIVE
Address Line 4: RESTON, VIRGINIA 20191

| ATTORNEY DOCKET NUMBER: | P9159US00 | | |
|--|-----------------|--|--|
| NAME OF SUBMITTER: | HAE-CHAN PARK | | |
| SIGNATURE: | /hae-chan park/ | | |
| DATE SIGNED: | 09/03/2020 | | |
| This document serves as an Oath/Declaration (37 CFR 1.63). | | | |

Total Attachments: 3

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ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)

Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to:

Samsung Display Co., LTD. 1, Samsung-ro, Giheung-gu` Yongin-si, Gyeonggi-do 17113 Republic of Korea

Samsung Display Co., LTD. herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

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Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seal.

| First Inventor's and Assignor's N | Name |
|-----------------------------------|------|
|-----------------------------------|------|

Sung Jin YANG

Address:

1, Samsung-ro, Giheung-gu Yongin-si, Gyeonggi-do 17113 Republic of Korea

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Sung Jin YANG

2000 8 no

Date:

Second Inventor's and Assignor's Name:

Hyun Sik PARK

Address:

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Republic of Korea

Second Inventor's and Assignor's

Signature:

Date:

HYUN SIC PARK

2020. 8.20

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Docket No. P9159US00

Third Inventor's and Assignor's Name:

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Third Inventor's and Assignor's Signature: Ma Eum CHO

Date:

on 8. onox

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