PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6275482

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| SANG SU HAN | 07/20/2020 |
| KYUN HO KIM | 07/20/2020 |
| JUNG TAEK KIM | 07/20/2020 |
| JOON SUK BAIK | 07/20/2020 |
| SE KEUN LEE | 07/20/2020 |

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: | 17007268 |

CORRESPONDENCE DATA

Fax Number:

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| ATTORNEY DOCKET NUMBER: | SNK0128US |
|-------------------------|--------------------|
| NAME OF SUBMITTER: | JAMES J. MERRICK |
| SIGNATURE: | /James J. Merrick/ |
| DATE SIGNED: | 08/31/2020 |
| | • |

Total Attachments: 2

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> PATENT REEL: 053642 FRAME: 0592

DECLARATION AND ASSIGNMENT

Title of invention: SCAN DRIVER AND DISPLAY DEVICE INCLUDING THE SAME

| | claration is directed to: | |
|--|---|------------|
| | [X] the attached application (Attorney Docket Number SNK0128US), or | |
| YOU BUTCH BU | [] United States application or PCT international application number | _ filed or |
| The ab | ove-identified application was made or authorized to be made by me. | |

I have reviewed and understand the contents of the application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Whereas, each undersigned inventor has made certain inventions, improvements, and discoveries (herein referred to as the "INVENTION") disclosed in the above-identified patent application (herein referred to as the ("APPLICATION");

Whereas, <u>Samsung Display Co., Ltd.</u>, a corporation of <u>Republic of Korea</u> having a place of business at <u>I. Samsung-ro, Giheung-gu, Yongin-si. Gyeonggi-do, Republic of Korea</u> (herein referred to as "ASSIGNEE"), desires to acquire, and each undersigned inventor desires to grant to ASSIGNEE, the entire worldwide right, title, and interest in and to the INVENTION and in and to any and all patent applications and patents directed thereto;

Now, therefore, for good and valuable consideration, the receipt and sufficiency thereof being hereby acknowledged, each undersigned inventor (herein referred to ASSIGNOR") hereby sells or has sold, assigns or has assigned, and otherwise transfers or has transferred to the ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the INVENTION, the APPLICATION, and any and all other patent applications and patents for the INVENTION which may be applied for or granted therefor in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, continuations-in-part, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filing of such applications and granting of such patents. In addition, each undersigned inventor hereby authorizes and requests the Director of the United States Patent and Trademark Office to issue any United States Patent, and foreign patent authorities to issue any foreign patent, granted for the INVENTION, to ASSIGNEE, its successors, legal representatives, and assigns, the entire worldwide right, title, and interest in and to the same to be held and enjoyed by ASSIGNEE, its successors, legal representatives, and all such

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patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the INVENTION, the APPLICATION, and all related patents and applications, in ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by ASSIGNEE, its successors, legal representatives, and assigns.

The undersigned hereby grant(s) the law firm of Cantor Colburn 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.

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.

| | ventor: Sang Su HAN | |
|---|---|--------------------------------|
| Signature: | Sangsu Han | Date: 20 JUL 2010 |
| | | |
| Legal Name of In | ventor: Kyun Ho KIM | |
| Signature | Kym ho Kim | Date: 20 JU/ 202 |
| A SECOND CO. S. | ************************************** | |
| | | |
| legal Name of In- | ventor: Jung Laek KIM | |
| | TOWNSHIP OF STREET OF STREET STREET | |
| Signature: | | Date: 20 chal 20 |
| Signature: | Jang-tack Kan | Date: 20 Jul 20 |
| | Jangtack Kom | Date: 20 Jul 20 |
| egal Name of In | Jang-tack Kan | |
| egal Name of In | Jang-tack Kan | |
| egal Name of In | Jangtack Kom | Date: 20 Jul 20 Date: 20 Jul 2 |
| egal Name of Inv | Jang-tack Kan | |
| egal Name of Inv Signature: | Jang-tack Kan ventor: Joon Suk BAIK Paik Joon Suk | |

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