

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5377150

|                                                                                                                                                                                                 |                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT             |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                 |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                            |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>      |
| JU HYUN LEE                                                                                                                                                                                     | 01/30/2019                 |
| GYUNG MIN BAEK                                                                                                                                                                                  | 01/30/2019                 |
| HYUN EOK SHIN                                                                                                                                                                                   | 01/30/2019                 |
| HONG SICK PARK                                                                                                                                                                                  | 01/30/2019                 |
| SANG WON SHIN                                                                                                                                                                                   | 01/30/2019                 |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                            |
| <b>Name:</b>                                                                                                                                                                                    | SAMSUNG DISPLAY CO., LTD.  |
| <b>Street Address:</b>                                                                                                                                                                          | 1, SAMSUNG-RO, GIHEUNG-GU  |
| <b>City:</b>                                                                                                                                                                                    | YONGIN-SI, GYEONGGI-DO     |
| <b>State/Country:</b>                                                                                                                                                                           | KOREA, REPUBLIC OF         |
| <b>Postal Code:</b>                                                                                                                                                                             | 17113                      |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                            |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>              |
| <b>Application Number:</b>                                                                                                                                                                      | 16276529                   |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                            |
| <b>Fax Number:</b>                                                                                                                                                                              |                            |
| <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> |                            |
| <b>Phone:</b>                                                                                                                                                                                   | 408 331 1670               |
| <b>Email:</b>                                                                                                                                                                                   | ajo@innovationcounsel.com  |
| <b>Correspondent Name:</b>                                                                                                                                                                      | INNOVATION COUNSEL LLP     |
| <b>Address Line 1:</b>                                                                                                                                                                          | 2890 ZANKER ROAD           |
| <b>Address Line 2:</b>                                                                                                                                                                          | SUITE 200                  |
| <b>Address Line 4:</b>                                                                                                                                                                          | SAN JOSE, CALIFORNIA 95134 |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | KASN03614 US               |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | YI-MING TSENG              |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Yi-Ming Tseng/            |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 02/14/2019                 |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                            |

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# DECLARATION FOR PATENT APPLICATION AND ASSIGNMENT

As a below-named inventor, I:

|                |                                                                                                           |
|----------------|-----------------------------------------------------------------------------------------------------------|
| Ju Hyun LEE    | of #1311-3101, 30, Pangyowon-ro 82beon-gil,<br>Bundang-gu, Seongnam-si, Gyeonggi-do,<br>Republic of Korea |
| Gyung Min BAEK | of #112-506, 24, Jinsan-ro, Suji-gu, Yongin-si,<br>Gyeonggi-do, Republic of Korea                         |
| Hyun Eok SHIN  | of #1013-502, 166, Gwanmun-ro, Gwachon-si,<br>Gyeonggi-do, Republic of Korea                              |
| Hong Sick PARK | of #202-1003, 45, Taejang-ro, Yeongtong-gu,<br>Suwon-si, Gyeonggi-do, Republic<br>of Korea                |
| Sang Won SHIN  | of #609-602, 108, Jinsan-ro, Suji-gu, Yongin-si,<br>Gyeonggi-do, Republic of Korea                        |

believe that I am the original inventors of the subject matter (process, machine, manufacture, composition of matter, or an improvement thereof) that is claimed and for which a patent is sought by way of the application entitled

## WIRING SUBSTRATE AND DISPLAY DEVICE INCLUDING THE SAME

which   X   is attached hereto.

           was filed on                                  as Application Serial No.  
                                

The above-identified application was made or authorized to be made by me.

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.

FURTHER, for good and valuable consideration, receipt of which is hereby acknowledged, I hereby sell, assign and transfer to Samsung Display Co., Ltd, a corporation, having a place of business at 1, Samsung-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, its successors and assigns, the entire right, title and interest throughout the world in the invention for which a patent is sought by way of the above-identified application, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further

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|----------|---------------------|------------|-------------|
| SDC Ref. | LL-201803-030-1-US0 | KASAN Ref. | SMP180126US |
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authorization from us; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 30 day of Jan. 2019.

Ju Hyun LEE

Ju Hyun LEE

Executed this 30 day of Jan. 2019.

Gyung Min BAEK

Gyung Min BAEK

Executed this 30 day of Jan. 2019.

Hyun Eok SHIN

Hyun Eok SHIN

Executed this 30 day of Jan. 2019.

Hong Sick PARK

Hong Sick PARK

Executed this 30 day of Jan. 2019.

Sang Won SHIN

Sang Won SHIN