

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3434206

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                     |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                         |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                    |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>              |
| SUNGJAE PARK                                                                                                                                                                                    | 07/09/2015                         |
| JAI-HYUN KOH                                                                                                                                                                                    | 07/09/2015                         |
| YU-KWAN KIM                                                                                                                                                                                     | 07/09/2015                         |
| JINPIL KIM                                                                                                                                                                                      | 07/09/2015                         |
| IKSOO LEE                                                                                                                                                                                       | 07/09/2015                         |
| NAMJAE LIM                                                                                                                                                                                      | 07/09/2015                         |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                    |
| <b>Name:</b>                                                                                                                                                                                    | SAMSUNG DISPLAY CO., LTD.          |
| <b>Street Address:</b>                                                                                                                                                                          | 95 SAMSUNG 2 RO, GIHEUNG-GU        |
| <b>City:</b>                                                                                                                                                                                    | YONGIN CITY, GYEONGGI-DO           |
| <b>State/Country:</b>                                                                                                                                                                           | KOREA, REPUBLIC OF                 |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                    |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                      |
| <b>Application Number:</b>                                                                                                                                                                      | 14796579                           |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                    |
| <b>Fax Number:</b>                                                                                                                                                                              | (408)638-0326                      |
| <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>                                                                                                                                                                                   | jfosnaugh@innovationcounsel.com    |
| <b>Correspondent Name:</b>                                                                                                                                                                      | INNOVATION COUNSEL LLP             |
| <b>Address Line 1:</b>                                                                                                                                                                          | 2880 LAKESIDE DRIVE                |
| <b>Address Line 2:</b>                                                                                                                                                                          | SUITE 200                          |
| <b>Address Line 4:</b>                                                                                                                                                                          | SANTA CLARA, CALIFORNIA 95054-2818 |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | KORY03587 US                       |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | JON Y. IKEGAMI, REG. NO. 51,115    |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Jon Y. Ikegami/                   |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 07/10/2015                         |
| <b>Total Attachments: 12</b>                                                                                                                                                                    |                                    |

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## DECLARATION FOR PATENT APPLICATION AND ASSIGNMENT

As a below-named inventor, I:

Sungjae PARK of 611-10, Dangu-dong, Wonju-si,  
Gangwon-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

### DISPLAY APPARATUS AND METHOD OF DRIVING 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 95 Samsung 2 Ro, GiHeung-Gu, Yongin City, 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 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.

Park, Sungjae

Sungjae PARK

15.07.09

Date

EXHIBIT 3514

## DECLARATION FOR PATENT APPLICATION AND ASSIGNMENT

As a below-named inventor, I:

Jai-Hyun KOH of 821-101, Supseok Maeul  
Gwangmyeongmayrouge Apt., Neung-  
dong, Hwaseong-si, Gyeonggi-do,  
Republic of Korea

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KOH Jai-Hyun

Jai-Hyun KOH

15.07.09

Date

대한민국특허청

특허청/12426632/국제공개특허(LCD)/119035159/20150602074748

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## DECLARATION FOR PATENT APPLICATION AND ASSIGNMENT

As a below-named inventor, I:

Yu-Kwan KIM of #202, Hansol Park Vill, 591-2,  
Sipjeong 2-dong, Bupyeong-gu,  
Incheon, Republic of Korea

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YJH. YU-KWAN

YU-KWAN KIM

15.07.09

Date

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As a below-named inventor, I:

Jinpil KIM of 243-1501, Hwanggol Maeul 2 Danji  
Ssangyong Apt., Yeongtong 1-dong,  
Yeongtong-gu, Suwon-si, Gyeonggi-  
do, Republic of Korea

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Samsung Ref. : LL-201407-172 -1-US0

Attorney Docket No. KORYO3587 US

[KORYO IP& LAW]

Kim Jinpil

Jinpil KIM

July 9, 2015

Date

## DECLARATION FOR PATENT APPLICATION AND ASSIGNMENT

As a below-named inventor, I:

Iksoo LEE of 335-801, Jamsil III-Zium Apt., Jamsil  
3-dong, Songpa-gu, Seoul, Republic  
of Korea

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Lee Ik soo

Iksoo LEE

July 9 2015

Date

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As a below-named inventor, I,

Namjae LIM of 211-101, Jugong Apt., 13, Byeoryang-ro, Gwacheon-si, Gyeonggi-do, Republic of Korea

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LIM Namjae

Namjae LIM

15.07.09

Date

PATENT

REEL: 036061 FRAME: 0078

RECORDED: 07/10/2015