502481390 09/03/2013

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| Ji-Woong JEONG | 04/17/2013 |
| Nam-Gon CHOI | 04/17/2013 |
| Geun Jeong PARK | 04/17/2013 |
| Dong-Won PARK | 04/17/2013 |
| Yong Jun JANG | 04/17/2013 |
| Cheol Woo PARK | 04/17/2013 |
| Jeong-Hun SO | 04/17/2013 |
| Hyun Dae LEE | 04/17/2013 |

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| City: | Yongin-city |
| State/Country: | KOREA, REPUBLIC OF |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14016947 |

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ATTORNEY DOCKET NUMBER: P5240US00

502481390 PATENT REEL: 031129 FRAME: 0498

P \$40.00 14016947

| NAME OF SUBMITTER: | William L. Brooks |
|--------------------|--|
| Signature: | /william I. brooks/ |
| Date: | 09/03/2013 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 4

source=2013-09-03 P5240US00 Executed Assignment-Declaration#page1.tif source=2013-09-03 P5240US00 Executed Assignment-Declaration#page2.tif source=2013-09-03 P5240US00 Executed Assignment-Declaration#page3.tif source=2013-09-03 P5240US00 Executed Assignment-Declaration#page4.tif

PATENT REEL: 031129 FRAME: 0499



Application.

to:

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

As a below named inventor and Assignor, I declare that: This assignment and declaration are directed to: The attached application entitled DISPLAY DEVICE AND DRIVING METHOD THEREOF having attorney docket number P5240US00 ("Application"), which claims priority from: Korean Patent Application No. 10-2012-0158263, filed December 31, 2012. _____(if applicable): As amended on The above-identified Application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the Application. I hereby acknowledge that any willful false statement made in this declaration is ounishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both. Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in the

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

Samsung Display Co., Ltd. 95, Samsung 2 Ro. Giheung-gu Yongin-city, Gyeonggi-do 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.

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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.

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.

| rust investiors and Assignors Manie. | - 31-9400ing JEONG |
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Docket No. P5240US00

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| Daie: | 2013. 4.17 |
| 化氯化物 化电子电影 医动物 医二氏囊肠 医氯甲基苯酚 医电子内部 化二氯化甲酚二氯 | 그는 눈이 되었다는 어린다를 받는 그는 얼마를 하는 것이 되었다. 그는 그는 그는 그를 가입니다고 말했다. |



Docket No. P5240US00

| Sixth Inventor's and Assignor's Name: | Cheol Woo PARK |
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RECORDED: 09/03/2013