502916768 07/31/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2963367

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

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------|----------------|
| CHANG-HUN LEE | 07/08/2014 |

RECEIVING PARTY DATA

| Name: | SAMSUNG DISPLAY CO., LTD. |
|-----------------|---|
| Street Address: | 95, SAMSUNG 2 RO, GIHEUNG-GU, GYEONGGI-DO |
| City: | YONGIN-CITY |
| State/Country: | KOREA, DEMOCRATIC PEOPLE'S REPUBLIC OF |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14448551 |

CORRESPONDENCE DATA

Fax Number: (703)288-5139

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.

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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: | P5797US00 |
|-------------------------|--|
| NAME OF SUBMITTER: | HAE-CHAN PARK |
| SIGNATURE: | /hae-chan park/ |
| DATE SIGNED: | 07/31/2014 |
| | This document serves as an Oath/Declaration (37 CFR 1.63). |

Total Attachments: 2

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PATENT 502916768 REEL: 033438 FRAME: 0221



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

| | As a below n | amed inventor and Assignor, | , I declare that: | |
|-----------------|--------------------------------|---|---|---|
| | This assignm | ent and declaration are direc | ted to: | |
| | ALCOHOLDS PATOLICA | VILE naving attorney docker | | lication"), which |
| | | As amended on | | _ (if applicable); |
| | The above-id | entified Application was mad | e or authorized to be made i | oy me. |
| in the | I believe that Application. | l am the original inventor or a | an original joint inventor of a | claimed invention |
| punist both. | iable fillder 10 | owledge that any willful false U.S.C. § 1001 by fine or imp | risonment of not more than t | ive (5) years, or |
| manuf Applic | animo, nombo | ignor has invented certain ne illions of matter, and/or impro | ew and useful processes, ma ovements thereof ("Invention | achines, articles of ") disclosed in the |
| to: | Whereas, Ass | ignor desires to convey all r | rights, titles, and interests in | and to the same |
| | | Samsung Display C 95, Samsung 2 Ro, C Yongin-city, Gyeongo Republic of Korea | Siheung-gu ai-do | |

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



Docket No. P5797US00

(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.

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 Name: Chang-Hurt LE |
|---|
|---|

Address:

(Jinan-dong), #504 Jongbeom Ville

120-1, Byeongjeomdong-ro, Hwaseong-si

Gyeonggi-do Republic of Korea

First Inventor's and Assignor's Signature:

Date:

08 / July / 2014

Page 2 of 2

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