

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | | | |
|---|------------------------------|---------------|--------------------------|---------------------|------------------------------|-------------|--------------------------|----------------|--------------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hyo-Sang Yang</td> <td>02/07/2013</td> </tr> <tr> <td>Jin-Oh Park</td> <td>02/07/2013</td> </tr> <tr> <td>Dong-Wan Choi</td> <td>02/07/2013</td> </tr> </tbody> </table> | | Name | Execution Date | Hyo-Sang Yang | 02/07/2013 | Jin-Oh Park | 02/07/2013 | Dong-Wan Choi | 02/07/2013 |
| Name | Execution Date | | | | | | | | |
| Hyo-Sang Yang | 02/07/2013 | | | | | | | | |
| Jin-Oh Park | 02/07/2013 | | | | | | | | |
| Dong-Wan Choi | 02/07/2013 | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | |
| <table border="1"> <tr> <td>Name:</td> <td>SAMSUNG DISPLAY CO., LTD</td> </tr> <tr> <td>Street Address:</td> <td>95, Samsung 2 Ro, Giheung-gu</td> </tr> <tr> <td>City:</td> <td>Yongin-City, Gyeonggi-do</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table> | | Name: | SAMSUNG DISPLAY CO., LTD | Street Address: | 95, Samsung 2 Ro, Giheung-gu | City: | Yongin-City, Gyeonggi-do | State/Country: | KOREA, REPUBLIC OF |
| Name: | SAMSUNG DISPLAY CO., LTD | | | | | | | | |
| Street Address: | 95, Samsung 2 Ro, Giheung-gu | | | | | | | | |
| City: | Yongin-City, Gyeonggi-do | | | | | | | | |
| State/Country: | KOREA, REPUBLIC OF | | | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13944865</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13944865 | | | | |
| Property Type | Number | | | | | | | | |
| Application Number: | 13944865 | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | |
| Fax Number: 6265778800 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 626-795-9900 Email: pto@cph.com Correspondent Name: CHRISTIE, PARKER & HALE, LLP Address Line 1: PO BOX 29001 Address Line 4: GLENDALE, CALIFORNIA 91209 | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | 72165/S1437/JEJ/MMS | | | | | | | | |
| NAME OF SUBMITTER: | Matt Samadian | | | | | | | | |
| Signature: | /Matt Samadian/ | | | | | | | | |
| Date: | 07/18/2013 | | | | | | | | |
| Total Attachments: 3 source=72165_Assignment#page1.tif source=72165_Assignment#page2.tif source=72165_Assignment#page3.tif | | | | | | | | | |

OP \$40.00 13944865

**INVENTOR'S DECLARATION AND ASSIGNMENT
FOR PATENT APPLICATION**

PATENT

Title of Invention: **DOUBLE-SIDED EMISSION TYPE DISPLAY DEVICE**

Docket No.: **72165/L550**

INVENTOR'S DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the attached application unless the following is checked:

_____ United States Application or PCT International Application Number _____
filed 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 above-identified application.

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

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I 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.

ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned,

(1) Hyo-Sang Yang, Jin-Oh Park, and Dong-Wan Choi

HEREBY SELL(S), ASSIGN(S) AND TRANSFER(S) TO

(2) SAMSUNG DISPLAY CO., LTD.

having a place of business at

(3) 95, Samsung 2-ro, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea

(hereinafter called "ASSIGNEE") the entire right, title and interest in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled

(4) DOUBLE-SIDED EMISSION TYPE DISPLAY DEVICE

**INVENTOR'S DECLARATION AND ASSIGNMENT
FOR PATENT APPLICATION**

Docket No. 72165/L550

which application executed on even date
herewith or was

(a) executed on (5a): _____;

(b) filed on (5b): July 17, 2013;

Application No.: 13/944,865;

(CHRISTIE PARKER & HALE, LLP, P.O. Box
29001, Glendale, CA 91209-9001) is hereby
authorized to insert in (b) the specified data,
when known.

including any and all United States Patents which may be granted on said application, and any and all extensions, divisions, reissues, substitutes, renewals or continuations of said application and patents, and the right to all benefits under all international conventions for the protection of industrial property and applications for said improvements.

It is hereby authorized and requested that the Commissioner of Patents issue any and all of said Letters Patent, when granted, to said ASSIGNEE, its assigns or its successors in interest or its designee.

Upon said consideration, it is further agreed that, when requested, without charge to but at the expense of said ASSIGNEE, the undersigned will execute all divisional, continuing, substitute, renewal, and reissue patent applications; execute all rightful other papers; and generally do everything possible which said ASSIGNEE shall consider desirable for aiding in securing and maintaining patent protection as provided herein.

Hyo-Sang Yang

Legal Name of Inventor

2013. 2. 7

Date

Hyo Sang Yang

Signature

Jin-Oh Park

Legal Name of Inventor

2013. 2. 7

Date

Jin oh Park

Signature

**INVENTOR'S DECLARATION AND ASSIGNMENT
FOR PATENT APPLICATION**

Docket No. 72165/L550

Dong-Wan Choi
Legal Name of Inventor

2013. 2. 7
Date

Dong-Wan Choi
Signature

WITNESSES:

AM PAS1212127.1 - 01/10/13 8:34 AM