

## 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>Sungbin SHIM</td> <td>04/04/2013</td> </tr> <tr> <td>SeJune KIM</td> <td>04/04/2013</td> </tr> </tbody> </table>                                                                                                                                                                                                           |                              | Name          | Execution Date       | Sungbin SHIM        | 04/04/2013                   | SeJune KIM | 04/04/2013             |                |                    |
| Name                                                                                                                                                                                                                                                                                                                                                                                                                             | Execution Date               |               |                      |                     |                              |            |                        |                |                    |
| Sungbin SHIM                                                                                                                                                                                                                                                                                                                                                                                                                     | 04/04/2013                   |               |                      |                     |                              |            |                        |                |                    |
| SeJune KIM                                                                                                                                                                                                                                                                                                                                                                                                                       | 04/04/2013                   |               |                      |                     |                              |            |                        |                |                    |
| RECEIVING PARTY DATA                                                                                                                                                                                                                                                                                                                                                                                                             |                              |               |                      |                     |                              |            |                        |                |                    |
| <table border="1"> <tr> <td>Name:</td> <td>LG Display Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>Twin Tower 128, Yeouido-Dong</td> </tr> <tr> <td>City:</td> <td>Yeongdeungpo-Gu, Seoul</td> </tr> <tr> <td>State/Country:</td> <td>KOREA, REPUBLIC OF</td> </tr> </table>                                                                                                                                           |                              | Name:         | LG Display Co., Ltd. | Street Address:     | Twin Tower 128, Yeouido-Dong | City:      | Yeongdeungpo-Gu, Seoul | State/Country: | KOREA, REPUBLIC OF |
| Name:                                                                                                                                                                                                                                                                                                                                                                                                                            | LG Display Co., Ltd.         |               |                      |                     |                              |            |                        |                |                    |
| Street Address:                                                                                                                                                                                                                                                                                                                                                                                                                  | Twin Tower 128, Yeouido-Dong |               |                      |                     |                              |            |                        |                |                    |
| City:                                                                                                                                                                                                                                                                                                                                                                                                                            | Yeongdeungpo-Gu, Seoul       |               |                      |                     |                              |            |                        |                |                    |
| 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>13860282</td> </tr> </tbody> </table>                                                                                                                                                                                                                                                        |                              | Property Type | Number               | Application Number: | 13860282                     |            |                        |                |                    |
| Property Type                                                                                                                                                                                                                                                                                                                                                                                                                    | Number                       |               |                      |                     |                              |            |                        |                |                    |
| Application Number:                                                                                                                                                                                                                                                                                                                                                                                                              | 13860282                     |               |                      |                     |                              |            |                        |                |                    |
| CORRESPONDENCE DATA                                                                                                                                                                                                                                                                                                                                                                                                              |                              |               |                      |                     |                              |            |                        |                |                    |
| <p>Fax Number: 2024613102<br/> <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i><br/>         Phone: 202-461-3100<br/>         Email: IPDocket@foxrothschild.com<br/>         Correspondent Name: Fox Rothschild, LLP<br/>         Address Line 1: 1030 15th Street, N.W.<br/>         Address Line 2: Suite 380 East<br/>         Address Line 4: Washington, DISTRICT OF COLUMBIA 20005</p> |                              |               |                      |                     |                              |            |                        |                |                    |
| ATTORNEY DOCKET NUMBER:                                                                                                                                                                                                                                                                                                                                                                                                          | 108781.00002                 |               |                      |                     |                              |            |                        |                |                    |
| NAME OF SUBMITTER:                                                                                                                                                                                                                                                                                                                                                                                                               | Donald L. Monin, Jr.         |               |                      |                     |                              |            |                        |                |                    |
| Signature:                                                                                                                                                                                                                                                                                                                                                                                                                       | /Donald L. Monin, Jr./       |               |                      |                     |                              |            |                        |                |                    |
| Date:                                                                                                                                                                                                                                                                                                                                                                                                                            | 04/10/2013                   |               |                      |                     |                              |            |                        |                |                    |
| Total Attachments: 2<br>source=108781_00002_Assignment#page1.tif<br>source=108781_00002_Assignment#page2.tif                                                                                                                                                                                                                                                                                                                     |                              |               |                      |                     |                              |            |                        |                |                    |

OP \$40.00 13860282

## ASSIGNMENT

WHEREAS I, the below named inventor, [hereinafter referred to as Assignor], has made an invention entitled:

**OLED MICRO-CAVITY STRUCTURE AND METHOD OF MAKING**

for which we executed an application for United States Letters Patent concurrently herewith, or filed an application for United States Letters Patent on \_\_\_\_\_, (Application No. \_\_\_\_\_); and

WHEREAS, LG Display Co., Ltd., a corporation of the Korea, whose post office address is Twin Tower 128, Yennido-Dong, Yeongdeungpo-Gu SEOUL, KR (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to issue upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I, as assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

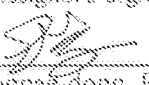
AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

AND, I HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I have hereunto set my hand.

|                                                                                                                         |                                                                                                              |                    |
|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------|
| Full Name of Assignor<br>Sungbin SHIM                                                                                   | Assignor's Signature<br> | Date<br>Apr. 4, 13 |
| Address: 601/303 Seongjeo Maeul 7 Danji Konyoung Villa, Daehwa-dong, Ilsanseo-gu, Goyang-si, Gyeonggi-do, Korea 411-704 |                                                                                                              | Citizenship<br>KR  |

Names of additional inventors attached ☒ Yes ☐ No

|                                                                                                |                                                                                                           |                    |
|------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------|
| Full Name of Assignor<br>SeJune KIM                                                            | Assignor's Signature<br> | Date<br>Apr. 4 '13 |
| Address: 701/1102 Sambu Renaissance Apt., Dongpa8-dong, Paju-si, Gyeonggi-do,<br>Korea 413-100 |                                                                                                           | Citizenship<br>KR  |

Names of additional inventors attached ☐ Yes ☒ No

DCI 20439v1 12/27/12