

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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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>
Mi-Young Son	09/09/2010
Hong-Jae Shin	09/09/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LG. Display Co., Ltd.
<b>Street Address:</b>	20, Yoido-dong, Youngdungpo-gu
<b>City:</b>	Seoul
<b>State/Country:</b>	REPUBLIC OF KOREA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12884771
<b>CORRESPONDENCE DATA</b>	
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<b>ATTORNEY DOCKET NUMBER:</b>	10125-4370
<b>NAME OF SUBMITTER:</b>	Gustavo Siller, Jr.
<b>Total Attachments: 3</b> source=ASSIGNMENT#page1.tif source=ASSIGNMENT#page2.tif source=ASSIGNMENT#page3.tif	

CH \$40.00 12884771

## RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below:

**1. Name of conveying Party(ies)/Execution Date:**

Mi-Young SON / September 9, 2010  
Hong-Jae SHIN / September 9, 2010

Additional name(s) of conveying party(ies) attached?

Yes  No

**2. Name and Address of receiving Party(ies):**

Name: LG DISPLAY CO., LTD.

Street Address: 20, Yoido-dong, Youngdungpo-gu

City: Seoul

Country: Republic of Korea

Additional name(s) and addresses attached?  Yes  No**3. Nature of Conveyance:**

Execution Date(s): September 9, 2010

- Assignment                       Change of Name                       Executive Order 9424, Confirmatory License  
 Security Agreement                       Merger                       Joint Research Agreement  
 Government Interest Assignment     Other \_\_\_\_\_

**4. Application or patent number(s).** This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No**5. Name and address of party to whom correspondence concerning document should be mailed:**

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312) 321-4200  
(312) 321-4299 Fax

**6. Total number of applications and patents involved: 1****7. Total Fee (37 CFR 1.21(h) & 3.41)                      \$ 40.00**

- Authorized to be charged by credit card  
 Authorized to be charged to Deposit Acct. No. 23-1925  
 None required (government interest not affecting title)

**8. Payment Information:**a.  Credit Card: Last 4 Numbers  
Expiration Date

b.  Charge fee and/or any Deficiencies to Deposit  
Account Number 23-1925  
Authorized User Name: Brinks Hofer Gilson & Lione

/Gustavo Siller, Jr./

September 17, 2010

Signature

Date

Gustavo Siller, Jr., Reg. No. 32,305

Total no. of pages including coversheet, attachments and documents: 3

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, PO Box 1450, Alexandria, VA 22313-1450

Case No. 10125/4370  
Client Ref. F10-0221US001 / OPP-EZ-2010-0057-US-00

**ASSIGNMENT**

WHEREAS, Mi-Young SON and Hong-Jae SHIN, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled **GATE DRIVE CIRCUIT FOR DISPLAY DEVICE**, executed by Assignors on the same date as this Assignment;

WHEREAS, LG DISPLAY CO., LTD. a corporation organized and existing under the laws of Korea, having a place of business at 20, Yoido-dong, Youngdungpo-gu, Seoul, Republic of Korea, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

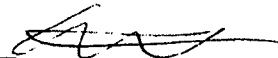
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

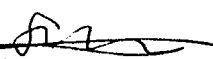
The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: 2010.9.9

  
Mi-Young SON

DATE: 2010.9.9

  
Hong-Jae SHIN