

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>Kwang-Pyo Hong</td> <td>12/28/2011</td> </tr> <tr> <td>Jong-Hyun Lee</td> <td>12/28/2011</td> </tr> </tbody> </table>		Name	Execution Date	Kwang-Pyo Hong	12/28/2011	Jong-Hyun Lee	12/28/2011		
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RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>LG DISPLAY CO., LTD</td> </tr> <tr> <td>Street Address:</td> <td>20, Yoido-dong, Youngdungpo-gu</td> </tr> <tr> <td>City:</td> <td>Seoul</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> </table>		Name:	LG DISPLAY CO., LTD	Street Address:	20, Yoido-dong, Youngdungpo-gu	City:	Seoul	State/Country:	REPUBLIC OF KOREA
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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>13338819</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13338819				
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CORRESPONDENCE DATA									
<p>Fax Number: (312)321-4299</p> <p>Phone: 3123214200</p> <p>Email: usassignments@brinkshofer.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Gustavo Siller, Jr.</p> <p>Address Line 1: Brinks, Hofer, Gilson & Lione</p> <p>Address Line 2: P.O. BOX 10395</p> <p>Address Line 4: Chicago, ILLINOIS 60610</p>									
ATTORNEY DOCKET NUMBER:	12576-7156								
NAME OF SUBMITTER:	Gustavo Siller, Jr.								
<p>Total Attachments: 3</p> <p>source=12576-7156Assignment#page1.tif</p> <p>source=12576-7156Assignment#page2.tif</p> <p>source=12576-7156Assignment#page3.tif</p>									

PATENT

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: <p>Kwang-Pyo HONG / December 28, 2011 Jong-Hyun LEE / December 28, 2011</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>		2. Name and Address of receiving Party(ies): <p>Name: LG DISPLAY CO., LTD.</p> <p>Street Address: 20, Yoido-dong, Youngdungpo-gu</p> <p>City: Seoul</p> <p>Country: Republic of Korea</p> <p>Additional name(s) and addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
3. Nature of Conveyance: Execution Date(s): December 28, 2011 <div style="display: flex; justify-content: space-between;"> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Change of Name <input type="checkbox"/> Executive Order 9424, Confirmatory License </div> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Security Agreement <input type="checkbox"/> Merger <input type="checkbox"/> Joint Research Agreement </div> <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Other _____ </div>			
4. Application or patent number(s). A. Patent Application No.(s) 		<input checked="" type="checkbox"/> This document is being filed together with a new application. B. Patent No.(s) 	
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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: <u>1</u> 7. Total Fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input checked="" type="checkbox"/> Authorized to be charged to Deposit Acct. No. 23-1925 <input type="checkbox"/> None required (government interest not affecting title) 8. Payment Information: a. <input type="checkbox"/> Credit Card: Last 4 Numbers _____ Expiration Date _____ b. <input checked="" type="checkbox"/> Charge fee and/or any Deficiencies to Deposit Account Number 23-1925 Authorized User Name: Brinks Hofer Gilson & Lione	
/Gustavo Siller, Jr./		December 28, 2011	
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**

ASSIGNMENT

WHEREAS, Kwang-Pyo HONG and Jong-Hyun LEE, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled **LIQUID CRYSTAL DISPLAY DEVICE AND METHOD OF DRIVING THE SAME**, executed by Assignors on the same date as this Assignment;

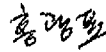

WHEREAS, LG DISPLAY CO., LTD. a corporation organized and existing under the laws of Korea, having a place of business at 20, Yoido-dong, Youngdungpo-gu, Seoul, Republic of Korea, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the 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:	<u>2011-12-28</u>	<u></u> Kwang-Pyo HONG
DATE:	<u>2011-12-28</u>	<u></u> Jong-Hyun LEE