

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3004024

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SANGYONG LEE	08/28/2014
HYEONGWON KANG	08/28/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	LG DISPLAY CO., LTD.
<b>Street Address:</b>	128, YEOUI-DAERO
<b>Internal Address:</b>	YEONGDEUNGPO-GU
<b>City:</b>	SEOUL
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	150-721
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14473163
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(312)321-4299
<i>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.</i>	
<b>Phone:</b>	3123214200
<b>Email:</b>	BRINKSLGD@brinksgilson.com, USASSIGNMENTS@BRINKSGILSON.COM
<b>Correspondent Name:</b>	GUSTAVO SILLER, JR.
<b>Address Line 1:</b>	BRINKS GILSON & LIONE
<b>Address Line 2:</b>	PO BOX 10395
<b>Address Line 4:</b>	CHICAGO, ILLINOIS 60610
<b>ATTORNEY DOCKET NUMBER:</b>	12972-8173
<b>NAME OF SUBMITTER:</b>	GUSTAVO SILLER, JR.
<b>SIGNATURE:</b>	/Gustavo Siller, Jr./
<b>DATE SIGNED:</b>	08/29/2014
<b>Total Attachments: 3</b>	
source=12972-8173Assignment#page1.tif	
source=12972-8173Assignment#page2.tif	
source=12972-8173Assignment#page3.tif	

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):**

SANGYONG LEE / AUGUST 28, 2014  
HYEONGWON KANG / AUGUST 28, 2014

Additional name(s) of conveying party(ies) attached?  Yes  No

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

Name: LG DISPLAY CO., LTD.  
  
Internal Address: 128, Yeoui-daero,  
Yeongdeungpo-gu  
Seoul, 150-721  
Republic of Korea

Additional name(s) and addresses attached?  Yes  No

**3. Nature of Conveyance/Execution Date(s):**

Execution Date(s): August 28, 2014

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> Assignment                      | <input type="checkbox"/> Merger         |
| <input type="checkbox"/> Security Agreement                         | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Joint Research Agreement                   |   |
| <input type="checkbox"/> Government Interest Assignment             |   |
| <input type="checkbox"/> Executive Order 9424, Confirmatory License |   |
| <input type="checkbox"/> Other: _____                               |   |

**4. Application or Patent Number(s).**

This document is being filed together with a new application.

A. Patent Application No.(s):

14/473,163

B. Patent No.(s):

Additional numbers attached?  Yes  No

**5. Name and address of party to whom correspondence concerning document should be mailed:**

BRINKS GILSON & LIONE  
PO BOX 10395  
CHICAGO, IL 60610  
Phone: (312) 321-4200  
Fax: (312) 321-4299

**6. Total no. of applications & patents involved: 1****7. Total Fee (37 CFR 1.21(h) & 3.41) \$ 0**

- Authorize charge by credit card  
 Authorize charge to Deposit Account No. 23-1925  
 Enclosed  
 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 Gilson & Lione

**9. Signature:**

/Gustavo Siller, Jr./

Signature

Gustavo Siller, Jr.

Name of Person Signing

August 29, 2014

Date

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

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, Sangyong LEE and Hyeongwon KANG, hereinafter called the "Assignors", has made the invention described in the United States patent application entitled, **TOUCH SCREEN DEVICE AND METHOD FOR 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 128, Yeoui-daero, Yeongdeungpo-gu, Seoul, 150-721, 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 has 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: 28/08/2014 01/ASG  
Sangyong LEE

DATE: 28/08/2014 7/2 28/9H  
Hyeongwon KANG