

## 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>Joo Woan CHO</td> <td>03/02/2013</td> </tr> <tr> <td>Sangheon YE</td> <td>03/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Joo Woan CHO	03/02/2013	Sangheon YE	03/04/2013				
Name	Execution Date										
Joo Woan CHO	03/02/2013										
Sangheon YE	03/04/2013										
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>Internal Address:</td> <td>Gyeonggi-Do</td> </tr> <tr> <td>City:</td> <td>Yongin-City</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	Internal Address:	Gyeonggi-Do	City:	Yongin-City	State/Country:	KOREA, REPUBLIC OF
Name:	Samsung Display Co., Ltd.										
Street Address:	95, Samsung 2 Ro, Giheung-Gu										
Internal Address:	Gyeonggi-Do										
City:	Yongin-City										
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>13835531</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13835531						
Property Type	Number										
Application Number:	13835531										
CORRESPONDENCE DATA											
<p>Fax Number: 7032885139  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-288-5105        Email: patent@park-law.com        Correspondent Name: H.C. PARK &amp; ASSOCIATES, PLC        Address Line 1: 1894 Preston White Drive        Address Line 4: Reston, VIRGINIA 20191</p>											
ATTORNEY DOCKET NUMBER:	P5167US00										
NAME OF SUBMITTER:	Sangwon Kim										
	This document serves as an Oath/Declaration (37 CFR 1.63).										
<p>Total Attachments: 2        source=P5167US00-ExecutedAssignment#page1.tif        source=P5167US00-ExecutedAssignment#page2.tif</p>											

OP \$40.00 13835531



HC Park & Associates, PLC  
COUNSELORS at LAW

**ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)**

As a below named inventor and Assignor, I declare that:

This assignment and declaration are directed to:

☒ The attached application entitled **LIQUID CRYSTAL DISPLAY APPARATUS** having attorney docket number P5167US00 ("Application"), which claims priority from:  
Korean Patent Application No. 10-2012-0118023, filed October 23, 2012.

☐ As amended on \_\_\_\_\_ (if applicable);

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 Application.

I hereby 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.

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in the Application,

Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to:

**Samsung Display Co., Ltd.**  
95, Samsung 2 Ro, Giheung-gu  
Yongin-city, Gyeonggi-do  
Republic of Korea

**Samsung Display Co., Ltd.** herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.



HC Park & Associates, PLC

COUNSELORS at LAW

Docket No. P5167US00

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seal.

First Inventor's and Assignor's Name: Joo Woan CHO

Address: 104-203, Samsung Trapalace  
Myeongam-ri, Tangeong-myeon  
Chungcheongnam-do  
Asan-si  
Republic of Korea

First Inventor's and Assignor's Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Second Inventor's and Assignor's Name: Sangheon YE

Address: 101-403, Gyeryeong Rishiville Apt., Dujeong-dong  
Seobuk-gu, Chungcheongnam-do  
Cheonan-si  
Republic of Korea

Second Inventor's and Assignor's  
Signature: \_\_\_\_\_

Date: \_\_\_\_\_