

## PATENT ASSIGNMENT

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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>Jae Hyuk CHANG</td> <td>04/15/2013</td> </tr> <tr> <td>Hi Kuk LEE</td> <td>04/15/2013</td> </tr> <tr> <td>Cha-Dong KIM</td> <td>04/15/2013</td> </tr> <tr> <td>Sang Hyun YUN</td> <td>04/15/2013</td> </tr> <tr> <td>Jung-In PARK</td> <td>04/15/2013</td> </tr> <tr> <td>Chang Hoon KIM</td> <td>04/15/2013</td> </tr> <tr> <td>Ki Beom LEE</td> <td>04/15/2013</td> </tr> </tbody> </table>		Name	Execution Date	Jae Hyuk CHANG	04/15/2013	Hi Kuk LEE	04/15/2013	Cha-Dong KIM	04/15/2013	Sang Hyun YUN	04/15/2013	Jung-In PARK	04/15/2013	Chang Hoon KIM	04/15/2013	Ki Beom LEE	04/15/2013
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<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						
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CORRESPONDENCE DATA																	
Fax Number:	7032885139																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	703-288-5105																
Email:	patent@park-law.com																
Correspondent Name:	H.C. PARK & ASSOCIATES, PLC																
Address Line 1:	1894 Preston White Drive																
Address Line 4:	Reston, VIRGINIA 20191																
ATTORNEY DOCKET NUMBER:	P5221US00																

OP \$40.00 13871732

NAME OF SUBMITTER:	Usman Khan
Signature:	/usman khan/
Date:	04/26/2013
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 4</b> source=P5221US00_AssignmentDeclaration#page1.tif source=P5221US00_AssignmentDeclaration#page2.tif source=P5221US00_AssignmentDeclaration#page3.tif source=P5221US00_AssignmentDeclaration#page4.tif	



**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 **ALIGNMENT APPARATUS, EXPOSING APPRATUS INCLUDING THE SAME, AND MANUFACTURING METHOD OF LIQUID CRYSTAL DISPLAY DEVICE** having attorney docket number P5221US00 ("Application"), which claims priority from: Korean Patent Application No. 10-2012-0145415, filed December 13, 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 wilful 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.

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: Jae Hyuk CHANG

Address: 103-2203 Imaechon Kumkang Apt.  
Imae-dong, Bundang-gu  
Gyeonggi-do  
Seongnam-si  
Republic of Korea

First Inventor's and Assignor's Signature: Chang, Jaehyuk

Date: 2013 4 15

Second Inventor's and Assignor's Name: Hi Kuk LEE

Address: 747-1, Daedae-ri, Yangji-myeon  
Gyeonggi-do  
Yongin-si  
Republic of Korea

Second Inventor's and Assignor's Signature: Lee H. Kuk

Date: 2013 04 15



Third Inventor's and Assignor's Name: Cha-Dong KIM  
Address: #1312, Singuro XI, Guro-dong, Guro-gu  
Seoul  
Republic of Korea  
Third Inventor's and Assignor's Signature: Cha-Dong Kim  
Date: 2017. 04. 15


Fourth Inventor's and Assignor's Name: Sang Hyun YUN  
Address: 111-905, Centraus Apt., Seodun-dong, Gwonseon-gu  
Gyeonggi-do  
Suwon-si  
Republic of Korea  
Fourth Inventor's and Assignor's Signature: Sang Hyun Yun  
Date: 2017. 04. 15

Fifth Inventor's and Assignor's Name: Jung-In PARK  
Address: 128-801, Jamsil Els Apt., Jamsil 2-dong  
Songpa-gu  
Seoul  
Republic of Korea  
Fifth Inventor's and Assignor's Signature: Jung-In Park  
Date: 2017. 04. 15



Sixth Inventor's and Assignor's Name: Chang Hoon KIM


Address: 104-2004 Samsung Trapalace, Myeongam-ri  
Tangeong-myeon, Chungcheongnam-do  
Asan-si  
Republic of Korea

Sixth Inventor's and Assignor's Signature: 

Date: 2013. 4. 15

Seventh Inventor's and Assignor's Name: Ki Beom LEE

Address: Hansol Roysent #1502, 11-17 Yangjae-dong  
Seocho-gu  
Seoul  
Republic of Korea

Seventh Inventor's and Assignor's  
Signature: 

Date: 2013. 4. 15