

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>Yea-Sun YOON</td> <td>04/10/2013</td> </tr> <tr> <td>Seung-Boem PARK</td> <td>04/10/2013</td> </tr> <tr> <td>Byoung-Sun NA</td> <td>04/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yea-Sun YOON	04/10/2013	Seung-Boem PARK	04/10/2013	Byoung-Sun NA	04/10/2013
Name	Execution Date								
Yea-Sun YOON	04/10/2013								
Seung-Boem PARK	04/10/2013								
Byoung-Sun NA	04/10/2013								
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>City:</td> <td>Yongin-City, Gyeonggi-Do</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	City:	Yongin-City, Gyeonggi-Do	State/Country:	KOREA, REPUBLIC OF
Name:	Samsung Display Co., LTD								
Street Address:	95, Samsung 2 Ro, Giheung-Gu								
City:	Yongin-City, Gyeonggi-Do								
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>13865122</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13865122				
Property Type	Number								
Application Number:	13865122								
CORRESPONDENCE DATA									
<p>Fax Number: 4087258263 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 408-331-1670 Email: monique@innovationcounsel.com Correspondent Name: Innovation Counsel, LLP Address Line 1: 21771 Stevens Creek Blvd, SU 200 Address Line 4: Cupertino, CALIFORNIA 95014</p>									
ATTORNEY DOCKET NUMBER:	PANK01722-5C US								
NAME OF SUBMITTER:	Jon Ikegami								
Signature:	/Jon Ikegami/								
Date:	04/18/2013								

OP \$40.00 13865122

Total Attachments: 8

source=PANK017225CUS_DecAssign_EF_4_17_2013#page1.tif

source=PANK017225CUS_DecAssign_EF_4_17_2013#page2.tif

source=PANK017225CUS_DecAssign_EF_4_17_2013#page3.tif

source=PANK017225CUS_DecAssign_EF_4_17_2013#page4.tif

source=PANK017225CUS_DecAssign_EF_4_17_2013#page5.tif

source=PANK017225CUS_DecAssign_EF_4_17_2013#page6.tif

source=PANK017225CUS_DecAssign_EF_4_17_2013#page7.tif

source=PANK017225CUS_DecAssign_EF_4_17_2013#page8.tif

**COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND
ASSIGNMENT FORM¹**

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

TITLE: **LIQUID CRYSTAL DISPLAY HAVING WIDE VIEWING ANGLE**

for which Assignor is about to make or has made United States or International application for patent.

WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

Section I. Declaration

This declaration is directed to:

- ☒ The attached U.S. non-provisional patent application, or
- ☐ U.S. non-provisional patent application number _____, filed on
_____, or
- ☐ PCT international patent application number _____, filed on
_____.

The above-identified application was made or authorized to be made by me (us).

I (we) believe that I am (we are) the original inventor (original joint inventors) of a claimed invention in the above-identified application.

I (we) 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.

¹ This form requires the use of an Application Data Sheet.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II. Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

Samsung Display Co., Ltd.

having an address at **95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Korea** (hereinafter designated as the Assignee(s)), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee(s), and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee(s) and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee(s) to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

SDC RefNo. IY-199910-041-1-US5

Attorney Ref No.

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND
ASSIGNMENT FORM

Page 2 of 4

PATENT
REEL: 030241 FRAME: 0480

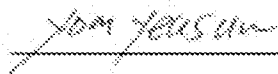
Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee(s) without further or other compensation than that above set forth;

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

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee(s), and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee(s).

The undersigned hereby grant(s) the law firm of **Innovation Counsel LLP** the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF FIRST INVENTOR/ASSIGNOR	Full Name
	YOON Yea-Sun
<div data-bbox="373 1375 812 1438">SIGNATURE </div> <div data-bbox="974 1354 1274 1417">DATE April 10, 2013</div>	

SDC Ref No. IX-199910-041-1-US5

Attorney Ref No.

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	Full Name
	PARK, Seung-Beom
<div style="display: flex; justify-content: space-between; margin-top: 100px;"> <div>SIGNATURE _____</div> <div>DATE _____</div> </div>	

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	Full Name
	NA, Byoung-Sun
<div style="display: flex; justify-content: space-between; margin-top: 100px;"> <div>SIGNATURE _____</div> <div>DATE _____</div> </div>	

SDC Ref No. IY-199910-041-1-US5

Attorney Ref No.

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND
ASSIGNMENT FORM

Page 4 of 4

PATENT
REEL: 030241 FRAME: 0482

**COMBINED DECLARATION (37 CFR §1.63) FOR UTILITY PATENT APPLICATION AND
ASSIGNMENT FORM¹**

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

TITLE: LIQUID CRYSTAL DISPLAY HAVING WIDE VIEWING ANGLE

for which Assignor is about to make or has made United States or International application for patent.

WHEREAS, as a below named inventor(s), I/(we) hereby declare that:

Section I. Declaration

This declaration is directed to:

- ☒ The attached U.S. non-provisional patent application, or
- ☐ U.S. non-provisional patent application number _____, filed on _____, or
- ☐ PCT international patent application number _____, filed on _____.

The above-identified application was made or authorized to be made by me (us).

I (we) believe that I am (we are) the original inventor (original joint inventors) of a claimed invention in the above-identified application.

I (we) 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.

¹ This form requires the use of an Application Data Sheet.

SDC Ref No. IY-199910-041-1-US5

Attorney Ref No.

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND
ASSIGNMENT FORM

Page 1 of 4

**PATENT
REEL: 030241 FRAME: 0483**

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

Section II. Assignment

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the undersigned hereby sell(s) and assign(s) to

Samsung Display Co., Ltd.

having an address at **95, Samsung 2 Ro, Giheung-Gu, Yongin-City, Gyeonggi-Do, Korea** (hereinafter designated as the Assignee(s)), the entire (100%) right, title and interest for the United States as defined in 35 USC §100, in the invention described in the application identified in Section I of this document.

Assignor hereby confirms any prior assignment to Assignee(s), and to the extent that Assignor has not already done so, agrees to assign, and hereby does, sell, assign and transfer unto Assignee(s) and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the aforesaid application, to the aforesaid application itself, and all divisions, continuations, continuations-in-part, or other applications claiming priority directly or indirectly from the aforesaid application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including reissues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee(s) to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights;

SDC Ref No. IY-199910-041-1-US5

Attorney Ref No.

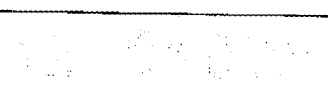
Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee(s) without further or other compensation than that above set forth;

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

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee(s), and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee(s).

The undersigned hereby grant(s) the law firm of **Innovation Counsel LLP** the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

Section III. Inventor(s)/Assignor(s) Signature(s)

LEGAL NAME OF FIRST INVENTOR/ASSIGNOR	Full Name
	YOON Yea-Sun
<div style="text-align: center;"></div> <div>SIGNATURE _____ DATE _____</div>	


SDC Ref No. IY-199910-041-1-US5

Attorney Ref No.

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND
ASSIGNMENT FORM

Page 3 of 4

PATENT
REEL: 030241 FRAME: 0485

LEGAL NAME OF SECOND INVENTOR/ASSIGNOR	Full Name
	PARK, Seung-Beom
<p>SIGNATURE <u></u> DATE April 10, 2013</p>	

LEGAL NAME OF THIRD INVENTOR/ASSIGNOR	Full Name
	NA, Byoung-Sun
<p>SIGNATURE <u>Na Byoung-Sun</u> DATE April 10, 2013</p>	

SDC Ref No. IY-199910-041-1-US5

Attorney Ref No.

COMBINED DECLARATION (37 CFR 1.63) FOR UTILITY PATENT APPLICATION AND
ASSIGNMENT FORM

Page 4 of 4

RECORDED: 04/18/2013

PATENT
REEL: 030241 FRAME: 0486