

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>Sang-Jun Choi</td> <td>05/24/2013</td> </tr> <tr> <td>Won-Duk Jung</td> <td>05/24/2013</td> </tr> <tr> <td>Jeong-Lim Nam</td> <td>05/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Sang-Jun Choi	05/24/2013	Won-Duk Jung	05/24/2013	Jeong-Lim Nam	05/24/2013
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Won-Duk Jung	05/24/2013								
Jeong-Lim Nam	05/24/2013								
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
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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>13829953</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13829953				
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CORRESPONDENCE DATA									
<p>Fax Number: 9497609502 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 9497600404 Email: efilng@knobbe.com Correspondent Name: Knobbe Martens Olson & Bear, LLP Address Line 1: 2040 Main Street Address Line 2: 14th Floor Address Line 4: Irvine, CALIFORNIA 92614</p>									
ATTORNEY DOCKET NUMBER:	SDCYOU.261AUS								
NAME OF SUBMITTER:	Paul C. Steinhardt								
Signature:	/Paul C. Steinhardt/								
Date:	06/10/2013								

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Total Attachments: 4

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COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

Docket No.: SDCYOU.261AUS

Page 1 of 2

Title: SUBSTRATE AND DISPLAY DEVICE INCLUDING THE SAME

Inventor(s): Sang-Jun CHOI, Won-Duk JUNG, Jeong-Lim NAM

Declaration

This Declaration is directed to United States Application No. **13/829,953** filed on **March 14, 2013**.

As a named inventor, I declare that:

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 in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby state that I have reviewed and understand the contents of the above identified specification and acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56.

Assignment from Inventor(s)

WHEREAS, above-identified inventor(s) (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries, and hereby assign or are under an obligation to assign to the below identified Assignee the above-titled application (collectively hereinafter referred to as the "Work") for which an application for Letters Patent in the United States (identified above) has been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application").

AND WHEREAS, Samsung Display Co., Ltd., with its principal place of business at 95, Samsung 2 Ro, Giheung-gu, Yongin-city, Gyeonggi-do, Korea (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work.

NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest in the Application, including all patent properties filed or issued upon the Application; where "Patent Properties" include, but are not limited to:

all provisional applications to which the Application claims priority;

all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof;

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application, and the Work or any improvements made thereto, sign/execute all

PATENT**REEL: 030581 FRAME: 0214**

COMBINED DECLARATION & ASSIGNMENT (37 CFR 1.63(e))*Application Data Sheet filed previously or concurrently*

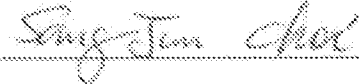
Docket No.: SDCYOU.261AUS

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Title: SUBSTRATE AND DISPLAY DEVICE INCLUDING THE SAME

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Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties.

Legal Name of inventor 1: Sang-Jun CHOISignature: 

Date: May 24, 2013

Legal Name of inventor 2: Won-Duk JUNG

Signature: _____

Date: _____

Legal Name of inventor 3: Jeong-Lim NAM

Signature: _____

Date: _____

14647309:011113//kkh

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PATENT**REEL: 030581 FRAME: 0216**

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lawful papers, execute and make all rightful oaths and/or declarations in connection with the Application and the Work including any improvements made thereto, any patent applications filed therefrom, and any continuing application filed from any of the aforementioned applications, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Patent Properties.

Legal Name of inventor 1: Sang-Jun CHOI

Signature: _____

Date: _____

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Signature: W D Jung

Date: May 24, 2013

Legal Name of inventor 3: Jeong-Lim NAM

Signature: Jeong-Lim NAM

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