

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Mee-Hye JUNG</td> <td>11/17/2009</td> </tr> <tr> <td>Yong-Hwan SHIN</td> <td>11/17/2009</td> </tr> <tr> <td>Kyoung-Tae KIM</td> <td>11/17/2009</td> </tr> <tr> <td>Jae-Won JEONG</td> <td>11/17/2009</td> </tr> <tr> <td>Jin-Soo JUNG</td> <td>11/17/2009</td> </tr> </tbody> </table>		Name	Execution Date	Mee-Hye JUNG	11/17/2009	Yong-Hwan SHIN	11/17/2009	Kyoung-Tae KIM	11/17/2009	Jae-Won JEONG	11/17/2009	Jin-Soo JUNG	11/17/2009
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CORRESPONDENCE DATA													
<p>Fax Number: (703)288-5139 <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 & Associates, PLC Address Line 1: 8500 Leesburg Pike Address Line 2: Suite 7500 Address Line 4: Vienna, VIRGINIA 22182</p>													
ATTORNEY DOCKET NUMBER:	P2737US00												
NAME OF SUBMITTER:	Hae-Chan Park												

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PATENT
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Total Attachments: 4

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ASSIGNMENT

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

☒ an application for United States Letters Patent entitled **DISPLAY SUBSTRATE AND DISPLAY PANEL HAVING THE SAME** ("Application");

☐ upon which United States Letters Patent, Patent Number _____, has issued ("Patent");

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

Samsung Electronics Co., Ltd.
416 Maetan-dong, Yeongtong-gu
Gyeonggi-do
Suwon-si
South Korea

Samsung Electronics 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, Assignor has hereunto set hand and seal.

First Inventor's Name: Mee-Hye JUNG

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Date:

2009. 11. 19

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Address: 301-1404 Hyundai Morning Side 1 cha Apt.,
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Republic of Korea

Second Inventor's Signature:

Date:

2009. 11. 19

Third Inventor's Name: Kyoung-Tae KIM

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Third Inventors' Signature:

Date:

2009. 11. 19

Fourth Inventor's Name: Jae-Won JEONG

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Republic of Korea



Fourth Inventor's Signature:

Tae - Won Jeong

Date:

2009. 11. 17

Fifth Inventor's Name

Jin-Soo JUNG

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Republic of Korea

Fifth Inventor's Signature:

Jin-Soo Jung

Date:

2009. 11. 17