

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>Si-Heun KIM</td><td>08/29/2011</td></tr><tr><td>Seong-Nam LEE</td><td>08/29/2011</td></tr><tr><td>Duck-Jong SUH</td><td>08/29/2011</td></tr><tr><td>Ji-Eun JANG</td><td>08/29/2011</td></tr><tr><td>Jae-Weon HUR</td><td>08/29/2011</td></tr></tbody></table>		Name	Execution Date	Si-Heun KIM	08/29/2011	Seong-Nam LEE	08/29/2011	Duck-Jong SUH	08/29/2011	Ji-Eun JANG	08/29/2011	Jae-Weon HUR	08/29/2011
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<table border="1"><tr><td>Name:</td><td>Samsung Electronics Co., Ltd.</td></tr><tr><td>Street Address:</td><td>416, Maetan-Dong, Yeongtong-gu, Gyeonggi-do</td></tr><tr><td>City:</td><td>Suwon-si</td></tr><tr><td>State/Country:</td><td>KOREA, REPUBLIC OF</td></tr><tr><td>Postal Code:</td><td>443-803</td></tr></table>		Name:	Samsung Electronics Co., Ltd.	Street Address:	416, Maetan-Dong, Yeongtong-gu, Gyeonggi-do	City:	Suwon-si	State/Country:	KOREA, REPUBLIC OF	Postal Code:	443-803		
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (703)288-5139 Phone: 703-288-5105 Email: patent@park-law.com <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i> Correspondent Name: H.C. Park & Associates, PLC Address Line 1: 8500 Leesburg Pike Address Line 2: Suite 7500 Address Line 4: Vienna, VIRGINIA 22182													
ATTORNEY DOCKET NUMBER:	P4520US00												
NAME OF SUBMITTER:	Hae-Chan Park												
Total Attachments: 3 source=P4520US00 Executed Assignment#page1.tif source=P4520US00 Executed Assignment#page2.tif source=P4520US00 Executed Assignment#page3.tif													

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PATENT

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REEL: 026945 FRAME: 0059



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 **LIQUID CRYSTAL COMPOSITION AND LIQUID CRYSTAL DISPLAY INCLUDING 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
Republic of 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: Si-Heun KIM

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First Inventor's Signature:

Date:

August 29, 2011

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Second Inventor's Signature:

Date:

August 29, 2011

Third Inventor's Name: Duck-Jong SUH

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Third Inventors' Signature:

Date:

August 29, 2011



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Fourth Inventor's Signature:

장지은

Date:

August 29, 2011

Fifth Inventor's Name

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Address:

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Busan Metropolitan City
Republic of Korea

Fifth Inventor's Signature:

허재원

Date:

August 29, 2011

SAMSUNG ELECTRONICS CO., LTD.

2011/08/29