

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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jong-In KIM</td> <td>12/01/2008</td> </tr> <tr> <td>Jang-Soo KIM</td> <td>12/01/2008</td> </tr> <tr> <td>Young-Wook LEE</td> <td>12/01/2008</td> </tr> </tbody> </table>		Name	Execution Date	Jong-In KIM	12/01/2008	Jang-Soo KIM	12/01/2008	Young-Wook LEE	12/01/2008
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Jong-In KIM	12/01/2008								
Jang-Soo KIM	12/01/2008								
Young-Wook LEE	12/01/2008								
RECEIVING PARTY DATA									
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								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12332044</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12332044				
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CORRESPONDENCE DATA									
Fax Number:	(703)288-5139								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	Hae-Chan Park								

Total Attachments: 2
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PATENT
REEL: 022185 FRAME: 0140

OP \$40.00 12332044



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 DISPLAY DEVICE AND METHOD OF MANUFACTURING 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: Jong-In KIM

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Giheung Factory, Nongseo-dong,
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Republic of Korea

First Inventor's Signature:

Jong In Kim

Date:

December 1, 2008

Second Inventor's Name: Jang-Soo KIM

Address: Hyundai Home Town #104-2003
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Yongin-si
Republic of Korea

Second Inventor's Signature:

Jang-Soo Kim

Date:

December 1, 2008

Third Inventor's Name: Young-Wook LEE

Address: E-108 Mirae Village, 514-14, Maetan-dong
Yeongtong-gu, Gyeonggi-do
Suwon-si
Republic of Korea

Third Inventors' Signature:

Young Wook Lee

Date:

December 1, 2008