

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>Yoon-Sung UM</td> <td>05/13/2008</td> </tr> <tr> <td>Jae-Jin LYU</td> <td>05/13/2008</td> </tr> <tr> <td>Seung-Beom PARK</td> <td>05/13/2008</td> </tr> </tbody> </table>		Name	Execution Date	Yoon-Sung UM	05/13/2008	Jae-Jin LYU	05/13/2008	Seung-Beom PARK	05/13/2008
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Yoon-Sung UM	05/13/2008								
Jae-Jin LYU	05/13/2008								
Seung-Beom PARK	05/13/2008								
RECEIVING PARTY DATA									
Name:	Samsung Electronics Co., Ltd.								
Street Address:	416, Maetan-dong, Yeongtong-gu								
City:	Suwon-si, Gyeonggi-do								
State/Country:	REPUBLIC OF KOREA								
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>12173370</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12173370				
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CORRESPONDENCE DATA									
Fax Number:	(860)286-0115								
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NAME OF SUBMITTER:	James J. Merrick								
Total Attachments: 2 source=23K9072#page1.tif source=23K9072#page2.tif									

CH \$40.00 12173370

ASSIGNMENT

WHEREAS I, **Yoon-Sung UM** of 216-1702 Sanghyeon Maeul Ssangyong 2 Cha Apt., Sanghyeon-dong, Suji-gu, Yongin-si, Gyeonggi-do, Korea, **Jae-Jin LYU** of 407-1302, Saecheonyeon Greenville 4 Danji Apt., Sin-gal-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Korea and **Seung-Beom PARK** of 409-502, Samsung Raemian 4 Cha Apt., Dongsan-dong 5-ga, Yeongdeungpo-gu, Seoul, Korea, (hereinafter referred to as "ASSIGNORS"); have invented certain new and useful improvements in:

DISPLAY SUBSTRATE AND LIQUID CRYSTAL DISPLAY DEVICE HAVING THE SAME

which claims priority to Korean Application No. 2007-99112 filed on October 2, 2007 and for which We are about to file an application for Letters Patent of the United States;

AND WHEREAS, **SAMSUNG ELECTRONICS CO., LTD** (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Korea, having a place of business at **416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea** is desirous of acquiring an interest in the United States and all foreign countries, in and to the said invention and Letters Patent to be obtained therefor;

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that, for good and valuable consideration, the receipt of which is hereby acknowledged, We, the said ASSIGNORS have assigned and transferred, and hereby assign and transfer unto the said ASSIGNEE, the entire right, title and interest in and to said invention in the United States and in all foreign countries, including priority rights, as fully set forth and described in said application; and We do hereby authorize and request the Commissioner of Patents to issue said Letters Patent on said application, and any and all Letters Patent that may be issued upon any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereof, to the said ASSIGNEE, an assignee of the entire right, title and interest in and to the same, for the sole use and behoof of ASSIGNEE, its successors and assigns; and We do hereby agree that the said ASSIGNEE, may apply for foreign Letters Patent on said invention and that We will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by the said ASSIGNEE, its successors or assigns, and that We will,

at the cost and expense of the said ASSIGNEE fully assist and cooperate in all matters in connection with the United States and foreign applications and patents issuing thereon.

The undersigned declare that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Date: 2008. 5. 13

Chn yoon sung L.S.
Yoon-Sung UM

Date: 2008. 5. 13

[Handwritten Signature] L.S.
Jae-Jin LYU

Date: 2008. 5. 13

[Handwritten Signature] L.S.
Scung-Beom PARK