

# PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
<b>CONVEYING PARTY DATA</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 70%; padding: 5px;">Name</th> <th style="width: 30%; padding: 5px;">Execution Date</th> </tr> </thead> <tbody> <tr><td style="padding: 5px;">Yoon-jang KIM</td><td style="padding: 5px;">09/14/2006</td></tr> <tr><td style="padding: 5px;">Dong-jin SEO</td><td style="padding: 5px;">09/14/2006</td></tr> <tr><td style="padding: 5px;">Yun-seok LEE</td><td style="padding: 5px;">09/14/2006</td></tr> <tr><td style="padding: 5px;">Cheon-jae MAENG</td><td style="padding: 5px;">09/14/2006</td></tr> <tr><td style="padding: 5px;">Ji-hyeon SON</td><td style="padding: 5px;">09/14/2006</td></tr> <tr><td style="padding: 5px;">Jae-yong SHIN</td><td style="padding: 5px;">09/14/2006</td></tr> </tbody> </table>		Name	Execution Date	Yoon-jang KIM	09/14/2006	Dong-jin SEO	09/14/2006	Yun-seok LEE	09/14/2006	Cheon-jae MAENG	09/14/2006	Ji-hyeon SON	09/14/2006	Jae-yong SHIN	09/14/2006		
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<b>PROPERTY NUMBERS Total: 1</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 30%; padding: 5px;">Property Type</th> <th style="padding: 5px;">Number</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Application Number:</td> <td style="padding: 5px;">11538595</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11538595												
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<b>CORRESPONDENCE DATA</b> <p style="margin-top: 10px;">Fax Number: (860)286-0115  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 8602862929        Email: scarroll@cantorcolburn.com        Correspondent Name: Cantor Colburn LLP        Address Line 1: 55 Griffin Road South</p>																	

CH \$40.00 11538595

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ATTORNEY DOCKET NUMBER:

KSA-0028

NAME OF SUBMITTER:

James J. Merrick

Total Attachments: 2

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## ASSIGNMENT

WHEREAS We, **Yoon-jang KIM** of 542-1704, Shinnamusil 5-danji APT, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, **Dong-jin SEO** of 106-1204, Seongji Saemal APT, Shinbang-dong, Cheonan-si, Chungcheongnam-do, Republic of Korea, **Yun-seok LEE** of 103-803, Kyeryong Richeville APT, 1078, Dujeong-dong, Cheonan-si, Chungcheongnam-do, Republic of Korea, **Cheon-jae MAENG** of 232-106, Poonglim APT, 1053-2, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, **Ji-hyeon SON** of 376-8, Yeosu-dong, Jungwon-gu, Seongnam-si, Gyeonggi-do, Republic of Korea and **Jae-yong SHIN** of 1498, Chimsan 1-dong, Buk-gu, Daegu Metropolitan City, Republic of Korea (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

### **LIQUID CRYSTAL DISPLAY PANEL WITH IMPROVED DISPLAY CHARACTERISTICS AND MASK USED TO FABRICATE THE SAME**

which claims priority to Korea Application No. 10-2005-0107631, filed on November 10, 2005,

and for which We are about to file or have filed an application for Letters Patent of the United States;

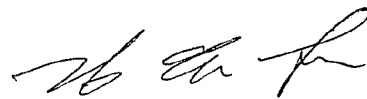
AND WHEREAS, **Samsung Electronics Co., Ltd. and Seoul National University Industry Foundation** (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Korea having a place of business at **416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea and San 4-2, Bongcheon-dong, Gwanak-gu, Seoul, Republic of 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: September 14, 2006



Yoon-jang KIM

L.S.

Date: September 14, 2006



Dong-jin SEO

L.S.

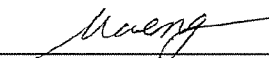
Date: September 14, 2006



Yun-seok LEE

L.S.

Date: September 14, 2006



Cheon-jae MAENG

L.S.

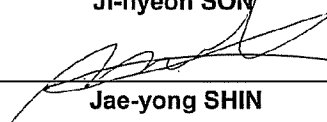
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Ji-hyeon SON

L.S.

Date: September 14, 2006



Jae-yong SHIN

L.S.

PATENT