

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>Seong-Nam LEE</td><td>08/04/2008</td></tr><tr><td>Jeong-Uk HEO</td><td>08/04/2008</td></tr><tr><td>Nam-Seok LEE</td><td>08/04/2008</td></tr><tr><td>Jun-Hyup LEE</td><td>08/04/2008</td></tr><tr><td>Jung-Hun LEE</td><td>08/04/2008</td></tr></tbody></table>	Name	Execution Date	Seong-Nam LEE	08/04/2008	Jeong-Uk HEO	08/04/2008	Nam-Seok LEE	08/04/2008	Jun-Hyup LEE	08/04/2008	Jung-Hun LEE	08/04/2008	
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Jung-Hun LEE	08/04/2008												
RECEIVING PARTY DATA													
Name:	Samsung Electronics Co., Ltd.												
Street Address:	416, Maetan 3-dong, Yeongtong-gu												
City:	Suwon-si, Gyeonggi-do												
State/Country:	REPUBLIC OF KOREA												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12241676</td></tr></tbody></table>	Property Type	Number	Application Number:	12241676									
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Application Number:	12241676												
CORRESPONDENCE DATA													
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NAME OF SUBMITTER:	Dana A. Gronbeck												
Total Attachments: 2													

CH \$40.00 12241676

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PATENT
REEL: 021609 FRAME: 0230

ASSIGNMENT

WHEREAS We Seong-Nam LEE of 102-1401, Bukhangang Sungwon Apt., Ichon-dong, Yongsan-gu, Seoul, Republic of Korea and Jeong-Uk HEO of #409-1801, Kkachi Maeul Sunkyoung Apt., Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea and Nam-Seok LEE of 107-1203, Jugong GreenVill Apt., #1258 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea and Jun-Hyup LEE of 105-1003, Doosan Apt., Bukahyeon 2-dong, Seodaemun-gu, Seoul, Republic of Korea and Jung-Hun LEE of #1594-3 Sillim 1-dong, Gwanak-gu, Seoul, Republic of (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

END-SEALANT COMPOSITION, LIQUID CRYSTAL DISPLAY PANEL, AND METHOD OF MANUFACTURING LIQUID CRYSTAL DISPLAY PANEL

which claims priority to **Korean Patent Application No.10-2007-104019, filed October 16, 2007**, 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** (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 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 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: Aug. 04, 2008 Seong-Nam LEE L.S.
Seong-Nam LEE

Date: Aug 04 2008 Jeong-Uk HEO L.S.
Jeong-Uk HEO

Date: Aug 04 2008 Nam-Seok LEE L.S.
Nam-Seok LEE

Date: Aug. 04. 2008 Jun-Hyup LEE L.S.
Jun-Hyup LEE

Date: Aug. 04. 2008 Jung-Hun LEE L.S.
Jung-Hun LEE