

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Ki-Hun Jeong</td> <td>12/21/2011</td> </tr> <tr> <td>Woongkwon Kim</td> <td>12/21/2011</td> </tr> <tr> <td>Kun-Wook Han</td> <td>12/21/2011</td> </tr> <tr> <td>Daecheol Kim</td> <td>12/21/2011</td> </tr> <tr> <td>Sungryul Kim</td> <td>12/20/2011</td> </tr> <tr> <td>Sungjin Mun</td> <td>12/20/2011</td> </tr> <tr> <td>Jung suk Bang</td> <td>12/20/2011</td> </tr> <tr> <td>Byeonghoon Cho</td> <td>12/20/2011</td> </tr> </tbody> </table>		Name	Execution Date	Ki-Hun Jeong	12/21/2011	Woongkwon Kim	12/21/2011	Kun-Wook Han	12/21/2011	Daecheol Kim	12/21/2011	Sungryul Kim	12/20/2011	Sungjin Mun	12/20/2011	Jung suk Bang	12/20/2011	Byeonghoon Cho	12/20/2011
Name	Execution Date																		
Ki-Hun Jeong	12/21/2011																		
Woongkwon Kim	12/21/2011																		
Kun-Wook Han	12/21/2011																		
Daecheol Kim	12/21/2011																		
Sungryul Kim	12/20/2011																		
Sungjin Mun	12/20/2011																		
Jung suk Bang	12/20/2011																		
Byeonghoon Cho	12/20/2011																		
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"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13346849</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13346849														
Property Type	Number																		
Application Number:	13346849																		
CORRESPONDENCE DATA																			
Fax Number:	(860)286-0115																		
Phone:	8602862929																		
Email:	usptopatentmail@cantorcolburn.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:	James J. Merrick, Cantor Colburn LLP																		
Address Line 1:	20 Church Street, 22nd Floor																		
Address Line 2:	HAA0232US																		
Address Line 4:	Hartford, CONNECTICUT 06103																		

OP \$40.00 13346849

ATTORNEY DOCKET NUMBER:	HAA0232US
NAME OF SUBMITTER:	James J, Merrick
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

ASSIGNMENT

WHEREAS We, **JEONG, Ki-Hun** of 403-1602, Hyundai 4cha Apt., Ssangyong2-dong, Cheonan-si, Chungcheongnam-do, Republic of Korea ; **KIM, WOONGKWON** of 120-402, Cheonan Dongil highvill, Ssangyong-dong, Seobuk-gu, Cheonan-si, Chungcheongnam-do, Republic of Korea; **HAN, Kun-Wook** of 1312-2401, Sanun maeul 13danji Taeyoung Desian, Unjung-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea; **KIM, DAECHEOL** of 806-2603, Jayeon-n Gyeongnam Apt., 1115, Neung-dong, Hwaseong-si, Gyeonggi-do, Republic of Korea; **KIM, Sungryul** of 302-3002, Tangjeong Samsung Trapalace Apt., Myeongam-ri, Tangjeong-Myeon, Asan-si, Chungcheongnam-do, Republic of Korea ; **MUN, Sungjin** of 100-320, Bongcheon-dong, Gwanak-gu, Seoul, Republic of Korea; **BANG, Jung suk** of 105-104, Yeongpung Apt., Topyeong-dong, Guri-si, Gyeonggi-do, Republic of Korea; and **CHO, BYEONGHOON** of 103-903, Lone Castle Peuremieo Apt., Samsung-dong, Gangnam-gu, Seoul, Republic of Korea (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

LIGHT SENSING PANEL AND DISPLAY APPARATUS HAVING THE SAME

which claims priority to Korean Patent Application No. 10-2011-0077493 filed Aug 03, 2011 and for which We are about to file or have filed an application for Letters Patent of the United States;

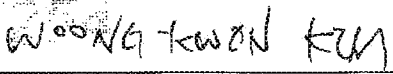
AND WHEREAS, **SAMSUNG ELECTRONICS CO., LTD** (hereinafter referred to as "ASSIGNEE"), a corporation organized and existing under the laws of the Country of Korea, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, is desirous of acquiring an interest 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: 2011. 12. 21  L.S.
JEONG, KI-HUN

Date: 2011. 12. 21  L.S.
KIM, WOONGKWON

Date: 2011. 12. 21  L.S.
HAN, Kun-Wook

Date: 2011. 12. 21  L.S.
KIM, DAECHEOL

Date: 2011. 12. 20 김성열 L.S.
KIM, Sungryul

Date: 2011. 12. 20 문성진 L.S.
MUN, Sungjin

Date: 2011. 12. 20 BANG, Jung suk L.S.
BANG, Jung suk

Date: 2011. 12. 20. CHO, BYEONGHOON L.S.
CHO, BYEONGHOON

SAMSUNG ELECTRONICS

04007254