

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>Sangil Kim</td> <td>02/24/2012</td> </tr> <tr> <td>Jang-Kyum Kim</td> <td>03/20/2012</td> </tr> <tr> <td>Myung-Eun Kim</td> <td>02/24/2012</td> </tr> <tr> <td>Namseok Roh</td> <td>02/29/2012</td> </tr> <tr> <td>Gilhwan Yeo</td> <td>02/27/2012</td> </tr> <tr> <td>Yeun Tae Kim</td> <td>02/26/2012</td> </tr> <tr> <td>KyoungHo Lim</td> <td>02/26/2012</td> </tr> </tbody> </table>		Name	Execution Date	Sangil Kim	02/24/2012	Jang-Kyum Kim	03/20/2012	Myung-Eun Kim	02/24/2012	Namseok Roh	02/29/2012	Gilhwan Yeo	02/27/2012	Yeun Tae Kim	02/26/2012	KyoungHo Lim	02/26/2012
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RECEIVING PARTY DATA																	
Name:	Samsung Electronics Co., Ltd.																
Street Address:	416, Maetan-dong, Yeongtong-gu																
City:	Suwon-si, Gyeonggi-do																
State/Country:	KOREA, REPUBLIC OF																
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>13441074</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13441074												
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Application Number:	13441074																
CORRESPONDENCE DATA																	
Fax Number:	(860)286-0115																
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OP \$40.00 13441074

NAME OF SUBMITTER:

James J. Merrick

Total Attachments: 3

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ASSIGNMENT

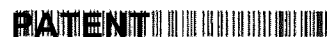
WHEREAS We, **KIM, SANGIL** of 173-101, Sanghyeon maeul Ssangyong2cha A danji, Sanghyeon 1-dong, Suji-gu, Yongin-si, Gyeonggi-do, Republic of Korea; **KIM, Jang-Kyum** of 103-801, Neulpureun Oskavill Apt., Yangsan-dong, Osan-si, Gyeonggi-do, Republic of Korea; **KIM, Myung-Eun** of 1313-403, Pangyo wonmaeul, Pangyo-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea; **ROH, NAMSEOK** of 509-902, Hyojachon Samhwan Apt., Seohyeon-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea; **YE O, Gilhwan** of 505-1702, Anhwadong maeul Jugong 5 danji, Byeongjeom-dong, Hwaseong-si, Gyeonggi-do, Republic of Korea ; **KIM, YEUN TAE** of 117-1004, We've Haneulchae, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; and **LIM, Kyoungho** of 103-503, Yeonwon maeul Samsung Myeongga Town Apt., Bojeong-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in:

DISPLAY APPARATUS AND METHOD OF DRIVING THE SAME

which claims priority to **Korean Patent Application No. 10-2011-0076735** filed **August 01, 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: 2012. 02. 24.

Kim, Sang Il L.S.
KIM, SANGIL

Date: 2012. 03. 20

Jangkyum Kim L.S.
KIM, Jang-Kyum

Date: 2012. 02. 24

 L.S.
KIM, Myung-Eun

Date: 2012. 2. 29

Nam Seok Roh L.S.
ROH, NAMSEOK

Date: 2012.2.27

Gilwan. joo L.S.
YEO, Gilhwan

Date: 2012.02.26

Kim Yeun Tae L.S.
KIM, YEUN TAE

Date: 2012 - 2. 26

[Signature] L.S.
LIM, KyoungHo