

Form PTO-1595 (Rev. 03-11)
OMB No. 0651-0027 (exp. 03/31/2012)

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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

<p>1. Name of conveying party(ies) Mun-Soo Park Gun-Woo Moon Won-Sik Oh Dae-Youn CHO Kyu-Min Cho Additional name(s) of conveying party(ies) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>	<p>2. Name and address of receiving party(ies) Name: <u>Samsung Electronics Co., Ltd.</u> Internal Address: <u>416, Maetan-Dong, Yeongtong-gu,</u> _____ Street Address: _____ _____ City: <u>Suwon-si, Gyeonggi-do,</u> State: _____ Country: <u>Republic of Korea</u> Zip: _____ Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>July 2, 7, 8, 2008</u> <input type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input checked="" type="checkbox"/> Other <u>Re-Record to add Second Assignee</u></p>	<p>4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No. (s) 12/188,836 B. Patent No. (s) Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p>
<p>5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Robert J. Newman, Esq.</u> Internal Address: <u>F. Chau & Associates, LLC</u> _____ Street Address: <u>130 Woodbury Road</u> _____ City: <u>Woodbury</u> State: <u>New York</u> Zip: <u>11797</u> Phone Number: <u>516-692-8888</u> Fax Number: <u>516-692-8889</u> Email Address: <u>newman@chauiplaw.com</u></p>	<p>6. Total number of applications and patents involved: _____ 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)</p> <p>8. Payment Information Deposit Account Number <u>50-0679</u> Authorized User Name <u>Frank Chau</u></p>
<p>9. Signature: <u>Robert Newman</u> <u>6-9-11</u> Signature Date Robert J. Newman Name of Person Signing Total number of pages including cover sheet, attachments, and documents: 6</p>	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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ADDITIONAL PAGE/Serial No. 12/188,836

- 2 -

1. **CONTINUATION OF THE INFORMATION FOR ITEM 1 -
ADDITIONAL NAMES OF CONVEYING PARTY:**

Nam-Deog Kim
Seung-Hwan Moon

2. **CONTINUATION OF THE INFORMATION FOR ITEM 2 -
ADDITIONAL NAME OF RECEIVING PARTY:**

Korea Advanced Institute of Science & Technology
Korea Advanced Institute of Science & Technology #373-1,
Guseong-dong, Yuseong-gu, Daejeon, Korea

ASSIGNMENTDOCKET NO: 8136-34/r/n (QP2007-SL063-US)

AS A BELOW NAMED INVENTOR, I, and each of us, individually hereby declare that:
 IN CONSIDERATION of the sum of TEN (\$10.00) dollars or the equivalent thereof, and
 other good and valuable consideration, the receipt of which from the hereinafter named
 Assignees is hereby acknowledged, I do hereby sell, assign and forever grant and convey unto:

ASSIGNEE: Samsung Electronics Co., Ltd.

ADDRESS: 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, KOREA

and

ASSIGNEE: Korea Advanced Institute of Science & Technology

ADDRESS: Korea Advanced Institute of Science & Technology #373-1,
 Guseong-dong, Yuseong-gu, Daejeon, Korea

Who are my Assignees, and to the successors and assigns of my Assignees, all my right
 , title and interest, in and for the United States of America and all other countries, including all rig
 hts of priority, in and to the invention entitled:

**TITLE: BACKLIGHT UNIT, LIQUID CRYSTAL DISPLAY DEVICE INCLUDING
 THE SAME, AND LOCALIZED DIMMING METHOD THEREOF**

Invented by me (if only one inventor is named below) or us (if more than one inventor is named
 below) and described in an application for a United States patent the specification of which is
 either attached hereto or otherwise accompanies this Assignment or indicates an attorney
 docket no. 8136-34/r/n (QP2007-SL063-US), or is more particularly identified as:

G executed on even date herewith, or
 G Serial No. _____ filed in the U.S. Patent & Trademark Office on

 or
 G executed on _____


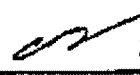
and in and to all United States patents which may be granted thereon and therefore, and in and
 to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-
 examined patents, and to any extensions thereof, said interest being the entire ownership of the
 patent when granted, to be held and enjoyed by said SAMSUNG ELECTRONICS CO., LTD., my
 Assignee, its successors, assigns or other legal representatives, to the full end of the term,
 terms, or any extension or renewal thereof, for which said patent or patents may be granted, as
 fully and entirely as the same would have been held and enjoyed by me or us if this assignment,
 sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or
 instruments which may from time-to-time be either necessary, lawful, proper or requested by the
 Assignee, in the prosecution of the above-named application or in the preparation and
 prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue,
 re-examination, in any amendment, extension, or interference proceeding, whether
 administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

Page 1 of 2

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request Frank Chau, Reg. No. 34,136, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I and we have set our hands and seals on the dates written beside my and our respective names:

<u>INVENTOR(S)</u>	<u>Date Signed</u>
1) _____ Mun-Soo PARK	_____
2)  _____ Gun-Woo MOON	<u>2008/7/8</u>
3) <u>Won-Sik Oh</u> _____ Won-Sik OH	<u>2008/7/8</u>
4) <u>Dae-Youn Cho</u> _____ Dae-Youn CHO	 <u>2008/7/7</u>
5) <u>Kyu-Min Cho</u> _____ Kyu-Min CHO	<u>2008/7/8</u>
6) _____ Nam-Deog KIM	_____
7) _____ Seung-Hwan MOON	_____

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and

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ADDRESS: Korea Advanced Institute of Science & Technology #373-1,
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 hts of priority, in and to the invention entitled:

**TITLE: BACKLIGHT UNIT, LIQUID CRYSTAL DISPLAY DEVICE INCLUDING
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invented by me (*if only one inventor is named below*) or us (*if more than one inventor is named
 below*) and described in an application for a United States patent the specification of which is
 either attached hereto or otherwise accompanies this Assignment or indicates an attorney
 docket no. 8136-34/rjn (OP2007-SL063-US), or is more particularly identified as:

G executed on even date herewith, or

G Serial No. _____ filed in the U.S. Patent & Trademark Office on

_____ ,
 or

G executed on _____

and in and to all United States patents which may be granted thereon and therefore, and in and
 to all certificates of corrections, divisions, continuations, continuations-in-part, reissued and re-
 examined patents, and to any extensions thereof, said interest being the entire ownership of the
 patent when granted, to be held and enjoyed by said **SAMSUNG ELECTRONICS CO., LTD.**, my
 Assignee, its successors, assigns or other legal representatives, to the full end of the term,
 terms, or any extension or renewal thereof, for which said patent or patents may be granted, as
 fully and entirely as the same would have been held and enjoyed by me or us if this assignment,
 sale and conveyance had not been made;

AND I hereby covenant and agree to sign and execute any further documents or
 instruments which may from time-to-time be either necessary, lawful, proper or requested by the
 Assignee, in the prosecution of the above-named application or in the preparation and
 prosecution of any certificate of correction, division, continuation, continuation-in-part, reissue,
 re-examination, in any amendment, extension, or interference proceeding, whether
 administrative or judicial, or otherwise, to secure the title hereto in said Assignee;

Page 1 of 2

AND I do hereby authorize and request the Commissioner of Patents and Trademarks to issue said Patent or Patents to the Assignee, and I hereby appoint as my, or our attorney, and authorize and request Frank Chau, Reg. No. 34,136, to insert on this Assignment any further identification or to complete such identification which may be either necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

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<u>INVENTOR(S)</u>	<u>Date Signed</u>
1) <u>MUN-SOO PARK</u> Mun-Soo PARK	<u>July 102/2008</u>
2) _____ Gun-Woo MOON	_____
3) _____ Won-Sik OH	_____
4) _____ Dae-Youn CHO	_____
5) _____ Kyu-Min CHO	_____
6) <u>NDKsm</u> Nam-Deog KIM	<u>2008/7/2</u>
7) <u>S. H. Moon</u> Seung-Hwan MOON	<u>2008-07-02</u>