


Client Code: SDIYPL.255AUS

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director, U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): (List using letters or numbers for multiple parties)</p> <p>1. Beom-Gyu Kim 5. Jong-Woon Yang 2. Segawa Susumu 6. Han-Seok Yun 3. Eui-Jeong Hwang 7. Jin-Wan Kim 4. Se-Sub Sim</p> <p>Additional name(s) of conveying party(ies) attached?</p> <p>() Yes (X) No</p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: Samsung SDI Co., Ltd. Street Address: 428-5, Gongse-dong, Giheung-gu City: Yongin-si, Gyeonggi-do Country: Republic of Korea</p> <p>Additional name(s) of receiving party(ies) attached?</p> <p>() Yes (X) No</p>
<p>3. Nature of conveyance:</p> <p>(X) Assignment () Security Agreement () Merger () Change of Name () Other:</p> <p>Execution Date: (List as in section 1 if multiple signatures)</p> <p>1. January 14, 2011 5. January 14, 2011 2. January 14, 2011 6. January 14, 2011 3. January 14, 2011 7. January 14, 2011 4. January 14, 2011</p>	<p>4. US or PCT Application number(s) or US Patent number(s):</p> <p>(X) Patent Application No.: 13/037158 Filing Date: February 28, 2011</p> <p>Additional numbers attached?</p> <p>() Yes (X) No</p>
<p>5. Party to whom correspondence concerning document should be mailed:</p> <p>Customer No. 20,995 Address: Knobbe, Martens, Olson & Bear, LLP 2040 Main Street, 14th Floor Irvine, CA 92614 Return Fax: (949) 760-9502 Attorney's Docket No.: SDIYPL.255AUS</p>	<p>6. Total number of applications and patents involved: 1</p>
<p>7. Total fee (37 CFR 1.21(h)): \$40</p> <p>(X) Authorized to be charged to deposit account</p>	<p>8. Deposit account number: 11-1410</p> <p>Please charge this account for any additional fees which may be required, or credit any overpayment to this account.</p>
<p>9. Statement and signature.</p> <p>To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.</p> <p><u>John M. Carson</u> Name of Person Signing</p> <p>34,303 Registration No.</p> <p> Signature</p> <p><u>2/28/11</u> Date</p> <p>Total number of pages including cover sheet, attachments and document: 4</p>	

Documents transmitted via Facsimile to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services
Director, U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
Facsimile Number: (571) 273-0140

10397629-akkr-012611

PATENT

Application No.: Unknown
Filing Date: Herewith

Client Code: SDIYPL.255AUS
Page 1

ASSIGNMENT

WHEREAS, we, the undersigned, have invented certain new and useful improvements in a **BATTERY PROTECTING CIRCUIT, METHOD OF CONTROLLING THE SAME, AND BATTERY PACK**, the specification of which was executed on even date herewith.

AND WHEREAS, Samsung SDI Co., Ltd., (hereinafter "ASSIGNEE"), with its principal place of business at 428-5, Gongse-dong, Giheung-gu, Yongin-si, Gyeonggi-do, Republic of Korea, desires to acquire the entire right, title, and interest in and to the said improvements with respect to the United States of America, its territories and possessions.

NOW, THEREFORE, in light of good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all provisional applications relating thereto, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof, and I hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

Date: 14/January/2011

Signature: Beom Gyu Kim

Name: Beom-Gyu Kim
Address: c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

PATENT

REEL: 025929 FRAME: 0125

Application No.: Unknown
Filing Date: Herewith

PATENT
Client Code: SDIYPL255AUS
Page 2

(Signatures continued on next page)

Date: 14 / January / 2011

Signature: Susumu Segawa

Name: Segawa Susumu
Address : c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

Date: 14 / January / 2011

Signature: Eui-Jeong Hwang

Name: Eui-Jeong Hwang
Address : c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

Date: 14 / January / 2011

Signature: Se-Sub Sim

Name: Se-Sub Sim
Address : c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

Date: 14 / January / 2011

Signature: Jong-Woon Yang

Name: Jong-Woon Yang
Address : c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

Date: 14 / January / 2011

Signature: Han-Seok Yun

Name: Han-Seok Yun
Address : c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu,
Yongin-si, Gyeonggi-do, Republic of Korea

Application No.: Unknown
Filing Date: Herewith

PATENT
Client Code: SDIYPL255AUS
Page 3

Date: 14/January/2011

Signature: Jin Wan KIM

Name: Jin-Wan Kim

Address : c/o Samsung SDI Co., Ltd.

428-5, Gongse-dong, Giheung-gu,

Yongin-si, Gyeonggi-do, Republic of Korea

9812569
100810