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ginal documents or copy thereof.

To the Director of the U.S. Patent and 1

4.19.07

1. Name of conveying party(ies):

Han-Seok YUN
Young-Jo LEE
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2. Name and Address of receiving party(ies):

SAMSUNG SDI CO., LTD.
575, Shin-dong, Yeongtong-gu
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Republic of Korea

3. Nature of conveyance:

<input checked="" type="checkbox"/>	Assignment	<input type="checkbox"/>	Merger
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Execution Date(s): April 18, 2007

4. Application number(s) or patent number(s):

This document is being filed together with a new application:

(a) The execution date(s) of the application is/are: April 18, 2007

(b) The title is: BATTERY MANAGEMENT SYSTEM AND METHOD OF OPERATING SAME

OR

This document is being filed after filing of the application:

(a) Patent Application No(s). 11/736,832, filed April 18, 2007; or

(b) Patent No(s). , issued .

5. Name and address of party to whom correspondence concerning document should be mailed:

STEIN, MCEWEN & BUI, LLP Our Docket: 0009.1019
 Attention: Michael D. Stein
 1400 Eye St., N.W., Suite 300
 Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)

Enclosed

Authorized to be charged to Deposit Account No. 503333.

8. Deposit Account No. 503333: (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account).

Michael D. Stein, Reg. No. 37,240
Name of Person Signing

Signature

4/19/07
Date

Total number of pages including cover sheet: 3

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U.S. ASSIGNMENT

SMB 12/04

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

Samsung SDI Co., Ltd.
575, Shin-dong,
Yeongtong-gu, Suwon-si
Gyeonggi-do, Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

BATTERY MANAGEMENT SYSTEM AND METHOD OF OPERATING SAME

relating to International Patent Application PCT/JP_____/_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on ; April 18, 2007 (Insert date of execution of application, if not concurrent)

(b) filed on ,

Serial No. Unassigned;

Any registered attorney of STEIN, MCEWEN & BUI, LLP, 1400 Eye St., N.W., Suite 300, Washington, D.C. 20005 (202/216-9505) is hereby authorized to insert in (b) the specified data, when known.

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The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) Han-Seok YUN Apr. 18, 2007
Han-Seok YUN

2) Young-Jo LEE Apr. 18, 2007
Young-Jo LEE

3) Se-Wook SEO Apr. 18, 2007
Se-Wook SEO

4) Gye-Jong LIM Apr. 18, 2007
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5) Beom-Gyu KIM Apr. 18, 2007
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■ Additional inventors are being named on separately numbered sheets attached hereto.

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6) Soo-Seok Choi Apr. 18, 2007
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