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SHEET

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Shinji FUJIHARA  
Kiyoharu ANZAI  
Motoshi KIRIBAYASHI  
Makoto WANEZAKI  
Hideji NAKAMURA  
Toshiaki HAYASHIAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: May 18, 2005, May 21, 2005, April 18, 2005, April 20, 2005, April 18, 2005, and April 30, 2005

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

10/538268

If this document is being filed together with a new application, the execution date of the application is: May 18, 2005, May 21, 2005, April 18, 2005, April 20, 2005, April 18, 2005, and April 30, 2005

A. Patent Application No.(s)  
Not Yet AssignedB. Patent No.(s)  
UnknownAdditional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

## 6. Total number of applications and patents involved:

1

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*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.*

Richard C. Turner

Reg. No. 29,710

June 10, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 3

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PATENT

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## Assignment

Whereas, I/We, **Shinji FUJIHARA**

c/o Mitsubishi Electric Control Software CO., Ltd. 23-502,  
1-2, Hamayama-dori 6-chome, Hyogo-ku, Kobe-shi, Hyogo 652-0871  
JAPAN

**Kiyoharu ANZAI**

c/o MITSUBISHI DENKI KABUSHIKI KAISHA  
2-3, Marunouchi 2-chome, Chiyoda-ku, TOKYO 100-8310 JAPAN

**Motoshi KIRIBAYASHI, Makoto WANEZAKI and Hideji NAKAMURA**

c/o JAPAN STORAGE BATTERY CO., LTD.  
1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku, Kyoto-shi, Kyoto  
601-8520 JAPAN

**Toshiaki HAYASHI**

23-502, Hozugawadanchi, 1-3, Kitakawaramachi, Kameoka-shi, Kyoto  
621-0802 JAPAN

of hereinafter called assignor(s), have invented certain improvements in

**BATTERY CHARGING STATE ARITHMETIC OPERATION DEVICE AND  
BATTERY CHARGING STATE ARITHMETIC PERATION METHOD**

and executed an application for Letters Patent of the United States of America therefor on

; and Whereas, **JAPAN STORAGE BATTERY CO., LTD.**

1, Inobaba-cho, Nishinosho, Kisshoin, Minami-ku,  
Kyoto-shi, Kyoto 601-8520 JAPAN

**MITSUBISHI DENKI KABUSHIKI KAISHA**

2-3, Marunouchi 2-chome, Chiyoda-ku,  
TOKYO 100-8310 JAPAN

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim prior ity under 35 U.S.C. §119, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_)

\_\_\_\_\_, filed \_\_\_\_\_) the filing date  
and application number of said application when known.

Date: May 18, 2005 Shinji Fujihara  
s/ **Shinji FUJIHARA**

Date: May 21, 2005 Kiyoharu Anzai  
s/ **Kiyoharu ANZAI**

Date: April 18, 2005 Motoshi Kiribayashi  
s/ **Motoshi KIRIBAYASHI**

Date: April 20, 2005 Makoto Wanezaki  
s/ **Makoto WANEZAKI**

Date: April 18, 2005 Hideji Nakamura  
s/ **Hideji NAKAMURA**

Date: April 30, 2005 Toshiaki Hayashi  
s/ **Toshiaki HAYASHI**

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)