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Attorney Docket No. 133492

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1. A. Name of conveying parties:

1.) Naoki FUKUSAKO  
2.) Shuhei MARUKAWA  
3.) Masahiro MISU  
4.) Toyohiko ETO

B. Additional name(s) of conveying party(ies) attached?  
 Yes  No

2. A. Name and address of receiving party:

PANASONIC EV ENERGY CO., LTD.  
555, SAKAIJUKU, KOSAI-SHI  
SHIZUOKA 431-0452 JAPAN



11889179  
080907

3. A. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

B. Additional name(s) & address(es) attached?  
 Yes  No

B. Execution Date: 1.) July 18, 2007; 2.) August 3, 2007; 3.) & 4.) July 23, 2007

4.  This document is being filed together with a new application.

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

C. Title of Application: BATTERY PACK STRUCTURE WITH HEATER

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

Name: James A. Oliff

Address: OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, VA 22320

6. Total number of applications and patents involved: 1

7. A. Total fee (37 CFR 3.41).....\$ 40.00

B. Enclosed (Check No. 195689)

8. Credit any overpayment or charge any underpayment to deposit account number 15-0461.

9. Statement and signature.

*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.*

Date: August 9, 2007

James A. Oliff Registration No. 27,075  
Randi B. Isaacs Registration No. 56,046

Total number of pages including cover sheet, attachments, and document: 2

8.9.07

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PATENT

REEL: 019709 FRAME: 0243

ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s) (1) Naoki FUKUSAKO (5) (2) Shuhei MARUKAWA (6) (3) Masahiro MISU (7) (4) Toyohiko ETO (8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee (9) PANASONIC EV ENERGY CO., LTD. (10) Insert Address of Assignee (10) 555, Sakaijuku, Kosai-shi, Shizuoka 431-0452 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number (11) BATTERY PACK STRUCTURE WITH HEATER (Attorney Docket No. 133492)

for which the undersigned has (have) executed an application for patent in the United States of America

(12) Insert Date of Signing of Application (12) on

(13) Alternative Identification for filed applications (13) U.S. Application Serial Number filed August 9, 2007

- 1) The undersigned agree(s) to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignees may deem necessary.
2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreements in conflict herewith.
6) The undersigned hereby grant(s) the firm of OLIFF & BERRIDGE the power to insert on this assignment any further identification which may be 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, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date July 18, 2007 Name of Inventor Naoki Fukusako (SEAL)
Date Aug. 3, 2007 Name of Inventor Shuhei Marukawa (SEAL)
Date July 23, 2007 Name of Inventor Masahiro Misu (SEAL)
Date July 23, 2007 Name of Inventor Toyohiko Eto (SEAL)
Date Name of Inventor (SEAL)
Date Name of Inventor (SEAL)
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Date Name of Inventor (SEAL)

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