

03-23-2004

To the Honorable Director of Patent



original documents or copy thereof.

1. Name of Conveying party(ies):
KIMOTO, Shinya

102701884

3/16/04

Receiving party(ies)

Name: PANASONIC EV ENERGY CO., LTD.

Internal Address:

Street Address: 555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 Japan

City: State: ZIP

Additional name(s) of conveying party(ies) attached? ___ Yes X No

3. Nature of conveyance:

X Assignment ___ Merger

___ Security Agreement ___ Change of Name

___ Other

Execution Date: February 17, 2004

Additional name(s) and address(es) attached? ___ Yes X No

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

10800682

If this document is being filed together with a new application, the execution date of the application is: February 17, 2004

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: ___ Yes X No

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

6. Total number of applications and patents involved: 1

Name: Bruce H. Bernstein

7. Total Fee (37 CFR 3.41).....\$ 40.00

Internal Address: P25054

X Enclosed

___ Authorized to be charged to deposit account

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

8. Deposit account number:

1950 Roland Clarke Place

19-0089

(Attach duplicate copy of this page if paying by deposit account)

City: Reston State: VA ZIP: 20191

DO NOT USE THIS SPACE

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.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

by Leslie J. Paperner

Signature

Reg. No. 33,329

3/16/04

Date

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

Mail documents to be recorded with required cover sheet information to:
Director of the United States Patent and Trademark office, Mail Stop Assignments
PO Box 1450 Alexandria, Virginia 22313-1450

PATENT
REEL: 015103 FRAME: 0145

ASSIGNMENT

WHEREAS, Shinya Kimoto, a citizen of Japan, whose post office address is 555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 JAPAN, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

BATTERY PACK APPARATUS AND COOLING DEVICE THEREOF

for which he has, on the date indicated below, executed an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

AND WHEREAS, PANASONIC EV ENERGY CO., LTD., a corporation organized and existing under the laws of Japan, whose post-office address is 555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 JAPAN, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR, on the respective date indicated below.

Witnessed by:

_____	_____
Name	Date
_____	_____
Name	Date

<u>Shinya Kimoto</u>	<u>February, 17, 2004</u>
Shinya Kimoto	Date