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DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To the Honorable Commr



ie attached original documents or copy thereof.

1. Name of Conveying party(ies):  
Kiwamu INUI  
Toshiyuki SEKIMORI  
Toyohiko ETO

101668381

Min  
03-5-01

id address of receiving party(ies)

Name: MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.

Internal Address: \_\_\_\_\_

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

Street Address: 1006, Oaza-Kadoma, Kadoma-shi,

Osaka 571-8501 JAPAN

3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Execution Date: February 20, 16, 8, 2001

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

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

If this document is being filed together with a new application, the execution date of the application is: February 20, 16, 8, 2001

A. Patent Application No.(s)

097763622

B. Patent No.(s)

Additional numbers attached:  Yes  No

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

Name: Bruce H. Bernstein

Internal Address: P20696

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

1941 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

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

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

19-0089

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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. Papernan Reg. No. 33,329*

Signature

3/5/01

Date

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

PATENT  
REEL: 011634 FRAME: 0385

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RECEIVED RECEIPT 05 MAR 2001

P20696

LISTING OF ADDITIONAL RECEIVING PARTIES

Name: TOYOTA JIDOSHA KABUSHIKI KAISHA

Street address: 1, Toyota-cho, Toyota-shi, Aichi 471-8571 JAPAN

**ASSIGNMENT**

WHEREAS, Kiwamu Inui\*, a citizen of \*Japan\*, whose post office address is \*555, Sakaijyuku, Kosai-shi, Shizuoka 431-0452 JAPAN\*, Toshiyuki Sekimori\*, a citizen of Japan\*, whose post office address is 1, Toyota-cho, Toyota-shi, Aichi 471-8571 JAPAN \*, and \*Toyohiko Eto\*, a citizen of \*Japan\*, whose post office address is \*1, Toyota-cho, Toyota-shi, Aichi 471-8571 JAPAN \*, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to

"Temperature Control Method and  
\* Structure for a Battery Pack " \*

for which they have executed an application for Letters Patent of the United States in the United States Patent and Trademark Office.

AND WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., a corporation organized and existing under the laws of Japan, whose post-office address is 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 JAPAN and TOYOTA JIDOSHA KABUSHIKI KAISHA, whose post office address is 1, Toyota-cho, Toyota-shi, Aichi 471-8571 JAPAN, are desirous of becoming joint owners with each having a half undivided interest, and are hereinafter known as the ASSIGNEES, are 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 ASSIGNORS hereby assign, sell and transfer to said ASSIGNEES, their 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 ASSIGNEES and their 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 ASSIGNEES and their assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEES, 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 ASSIGNORS authorize and request the Commissioner of Patents to issue Letters

Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEES, their assigns and legal representatives, in accordance herewith.

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

Witnessed by:

_____	_____	<i>Kiwamu Inui</i>	<i>Feb. 20, 2001</i>
Name	Date	Kiwamu Inui	Date

_____	_____
Name	Date

Witnessed by:

_____	_____	<i>Toshiyuki Sekimori</i>	<i>Feb. 16, 2001</i>
Name	Date	Toshiyuki Sekimori	Date

_____	_____
Name	Date

Witnessed by:

_____	_____	<i>Toyohiko Eto</i>	<i>Feb. 8, 2001</i>
Name	Date	Toyohiko Eto	Date

_____	_____
Name	Date

Witnessed by:

_____	_____	_____	_____
Name	Date		Date

_____	_____
Name	Date