

Attorney Docket No. 021620

12-13-2002

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

R



1

Commissioner for Patents: Plea.

102310358

... original documents or copy thereof.

**Submission type:** XX New

       Resubmission (Non-Recordation)

Document ID #:                     

       Correction of PTO Error

Reel #        Frame #       

       Corrective Document

Reel #        Frame #       

*MRD 12/10/02*

JC973 U.S. PTO  
10/315080  
12/10/02

**Conveyance type:** XX Assignment

       Security Agreement

       License

       Change of name

       Merger

       Other                     

**Conveying Party (ies):** (Last, First, Middle Initial)

Execution Date

First party Name: **SAITO, Mitsunobu** December 2, 2002

Second party Name: **KAYANO, Morio** December 2, 2002

Third party Name: **MAEDA, Tomohiko** December 2, 2002

Fourth party Name: **MURAKAMI, Hiroshi** December 2, 2002

Fifth party Name: **OTA, Kazushi** December 2, 2002

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

**Receiving Party (ies):**

First party Name: **HONDA GIKEN KOGYO KABUSHIKI KAISHA**

Address: **1-1, Minamiaoyama 2-chome, Minato-ku, Tokyo, Japan**

Second party Name: **KEIHIN CORPORATION**

Address: **26-2, Nishishinjuku 1-chome, Shinjuku-ku, Tokyo, Japan**

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

**Domestic Representative Name and Address**



Armstrong, Westerman & Hattori, LLP

23850

Suite 1000, 1725 K Street

PATENT TRADEMARK OFFICE

Washington, D.C. 20006

(202) 659-2930

For Office Use Only

12/11/2002 JBALINAN 00000036 10315080

01 FEB 2002

40.00 DP

**PATENT**  
**REEL: 013560 FRAME: 0655**

## Correspondent Name and Address

Telephone: 202-659-2930

ARMSTRONG, WESTERMAN & HATTORI, LLP  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

**Pages** Enter the total number of pages of the attached conveyance document: 1  
(including any attachments, but not counting cover sheets)

**Application Number(s) or Patent Number(s)** Additional numbers attached? Yes    No XX  
A. Patent Application No.(s) B. Patent No.(s)

10315080

If this document is being filed together with a new application, enter the date the application was signed by the first named executing inventor: December 2, 2002

(Do not recite both application and patent numbers.)

**Patent Cooperation Treaty (PCT)**Enter PCT application number only if

a U.S. Application Number has not been assigned

PCT

PCT

PCT

**Number of Properties** Enter the total number of properties involved: 1

**Fee Amount** Fee Amount for Properties Listed (37 CFR 3.41). . . . . \$40.00

XX Enclosed

       Authorized to be charged to Deposit Account No.: 01-2340

**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.

Donald W. Hanson  
Name of Person Signing

Signature

December 10, 2002  
Date

27,133  
Registration No.

Docket No. \_\_\_\_\_

Armstrong, Westerman &amp; Hattori, LLP

**U.S. ASSIGNMENT**

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 ASSIGNEE's  
Name(s) Address(es))

(1) Honda Giken Kogyo Kabushiki Kaisha of 1-1, Minamiaoyama

2-chome, Minato-ku, Tokyo, Japan; and

(2) KEIHIN CORPORATION of 26-2, Nishishinjuku 1-chome, Shinjuku-ku,  
Tokyo, Japan

(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)

TEMPERATURE CONTROLLING APPARATUS FOR BATTERY, VEHICLE

APPARATUS USING THE SAME, AND CONTROLLING METHOD THEREFOR

(\*If the assignment is  
being filed after the  
filing of the  
application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

filed on \_\_\_\_\_, Serial No. \_\_\_\_\_.

(Armstrong, Westerman & Hattori, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

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

(Signatures)

Mitsunobu Saito  
(Signature)

Mitsunobu Saito  
(Type Name)

December 2, 2002  
(Date)

Morio Kayano  
(Signature)

Morio Kayano  
(Type Name)

December 2, 2002  
(Date)

Tomohiko Maeda  
(Signature)

Tomohiko Maeda  
(Type Name)

December 2, 2002  
(Date)

Hiroshi Murakami  
(Signature)

Hiroshi Murakami  
(Type Name)

December 2, 2002  
(Date)

Kazushi Ota  
(Signature)

Kazushi Ota  
(Type Name)

December 2, 2002  
(Date)

(Signature)

(Type Name)

(Date)

NO LEGALIZATION REQUIRED