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Form PTO-1595
1-31-92U.S. DEPARTMENT OF COMMERCE
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101304275

PATENTS ONLY

To the Honorable Assistant Commissioner for Patents. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Nobuhiro TAKANO, Yoshio IIMURA, Yukihiro SHIMA and
Kenrou ISHIMARUAdditional name(s) of conveying party(ies) attached?
___ yes ___ x no

3. Nature of Conveyance:

☒ Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other

Execution Date: February 23, 2000

2. Name and address of receiving party(ies)?

Name:
HITACHI KOKI CO., LTD.
Internal Address:
15-1, Konan 2-chome, Minato-ku, Tokyo 108-6020 Japan
Street Address:
Same as above

City State Zip

Additional name(s) & address(es) attached?
___ yes ___ x noJc678 U.S. PTO
09/514184
02/28/00

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 23, 2000

A. Patent Application No.(s)

B. Patent No(s).

09/514184 Additional numbers attached? ___ Yes ___ x No

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

SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-32026. Total number of applications and patents involved:
One (1)7. Total Fee (37 CFR 3.41): \$ 40.00
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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
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Name Darryl Mexic Reg. No. 23,063

February 28, 2000
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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Mail documents to be recorded with required cover sheet information to:
Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231PATENT
REEL: 010642 FRAME: 0808

Assignment

Whereas, I/We

Nobuhiro TAKANO, Yoshio IIMURA, Yukihiro SHIMA and
Kenrou ISHIMARU of Hitachinaka-shi, Ibaraki-ken, Japan

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

BATTERY CHARGER DETERMINING CHARGING CONDITIONS DEPENDING UPON WHETHER
A COOLING DEVICE IS PROVIDED

and executed an application for Letters Patent of the United States of America therefor on
February 23, 2000 ;and

Whereas,

HITACHI KOKI CO., LTD.

15-1, Konan 2-chome, Minato-ku, Tokyo 108-6020 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 priority under 35 U.S.C. § 119, and
I/we request the Commissioner of Patents 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 my attorneys SUGHRUE, MION, ZINN, MACPEAK &
SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses
(Application number. _____, filed _____.) the filing date and application
number of said application when known.

Date: February 23, 2000 s/ Nobuhiro Takano
Nobuhiro TAKANO

Date: February 23, 2000 s/ Yoshio Iimura
Yoshio IIMURA

Date: February 23, 2000 s/ Yukihiro Shima
Yukihiro SHIMA

Date: February 23, 2000 s/ Kenrou Ishimaru
Kenrou ISHIMARU

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