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

1. Name of conveying party(ies):
Chikai YOSHIMIZU, Hiroaki ORIKASA, Takahiko SHIMADA, Shigeru SHINOHARA, Eiji NAKAYAMA, Kazuhiko FUNABASHI and Atsushi NAKAGAWA
Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
HITACHI KOKI CO., LTD.
15-1, Konan 2-chome, Minato-ku
Tokyo 108-6020 Japan

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Names
 Other

Additional name(s) & address(es) attached?
 yes no



Execution Date: February 1, 2000

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:
A. Patent Application No.(s)
09/478,798

B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3213

6. Total number of applications and registration involved:
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 copy of the original document.

Paul F. Neils
Paul F. Neils

Reg. No. 33.102

February 28, 2000
Date

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

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Mail documents to be recorded with required cover sheet information to:
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()

Assignment

Whereas, I/We, Chikai YOSHIMIZU, Hiroaki ORIKASA, Takahiko SHIMADA, Shigeru SHINOHARA, Eiji NAKAYAMA, Kazuhiko FUNABASHI and Atsushi NAKAGAWA of Hitachinaka-shi, Ibaraki-ken, Japan, hereinafter called assignor(s), have invented certain improvements in DC POWER SOURCE UNIT and executed an application for Letters Patent of the United States of America therefor on February, 1, 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 our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3212 to insert here in parentheses (Application number 09/478,798, filed January 7, 2000) the filing date and application number of said application when known.

Date: <u>February 1, 2000</u>	Signature: <u><i>Chikai Yoshimizu</i></u> Chikai YOSHIMIZU
Date: <u>February 1, 2000</u>	Signature: <u><i>Hiroaki Orikasa</i></u> Hiroaki ORIKASA
Date: <u>February 1, 2000</u>	Signature: <u><i>Takahiko Shimada</i></u> Takahiko SHIMADA
Date: <u>February 1, 2000</u>	Signature: <u><i>Shigeru Shinohara</i></u> Shigeru SHINOHARA
Date: <u>February 1, 2000</u>	Signature: <u><i>Eiji Nakayama</i></u> Eiji NAKAYAMA
Date: <u>February 1, 2000</u>	Signature: <u><i>Kazuhiko Funabashi</i></u> Kazuhiko FUNABASHI
Date: <u>February 1, 2000</u>	Signature: <u><i>Atsushi Nakagawa</i></u> Atsushi NAKAGAWA

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)8/92