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COVER SHEET
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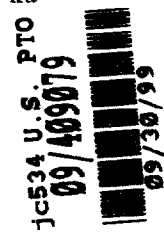
U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101173545

To the Honorable Commissioner of Patents and Trademarks, the attached original documents or copy thereof.

1. Name of conveying party(ies):
Yasuo TAKUMA, Yoshitaka FUJINUMA, Tomonari HOKKYOU, Masayasu ANZAI, Koji KATO
17/1/20
9-30-99
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: Hitachi Koki Co. Ltd.
Street Address: Shinagawa Intercity Tower A, 20th Floor
15-1, Konan 2-chome, Minato-ku
City: Tokyo 108-0075
Country: Japan
Additional name(s) & address(es) attached? Yes No



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date: September 3, 1999

4. Application number(s) or patent number(s): *09/409,079*
If this document is being filed together with a new application, the execution date of the application is: September 3, 1999
A. Patent Application No.(s)
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: ANTONELLI, TERRY, STOUT & KRAUS, LLP
Internal Address:
Street Address: 1300 North Seventeenth Street
Suite 1800
City: Arlington State: VA Zip: 22209

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41)\$40.00
 Enclosed
 Any deficiencies may be charged to deposit account
 Authorized to be charged to deposit account
8. Deposit account number: 01-2135
(Attach duplicate copy of this page if paying by deposit account)

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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.
Melvin Kraus *Melvin Kraus* September 30, 1999
Name of Person Signing Signature Date
Attorney Registration No. 22,466
Total number of pages including cover sheet, attachments, and document: 2

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OMB No. 0651-0011 (exp. 4/94)

10/12/1999 02 FC:581

PATENT
REEL: 010296 FRAME: 0163

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, as a below named inventor, I hereby sell and assign to Hitachi Koki Co., Ltd.
Shinagawa Intercity Tower A, 20th floor, 15-1, Konan 2-chome, Minato-ku, Tokyo
of ~~108-0075, Japan~~
its successors and assigns or other legal representatives all my rights, title and interest, in and for the United States of America, in and to

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invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, ~~Serial No. XXX~~ executed by us even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi Koki Co., Ltd.

, its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Hitachi Koki Co., Ltd.

- | | (Full Name) | (Signature) |
|--|-------------|---------------------------|
| 1) Date <u>September 3, 1999</u> Inventor <u>Yasuo Takuma</u> | | <u>Yasuo Takuma</u> |
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Witness(es)

- All) Shinji Azuma 2) _____ 4) _____
 1) _____ 3) _____ 5) _____