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Case Docket No. 981325

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*2-19-99*

RECORDATION FORM COVER SHEET

PATENTS ONLY

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

1. Name of conveying parties:

**Yoshinori SHINBO and Takeo SHINMURA**Additional name(s) of conveying parties attached? Yes ☐ No ☒ XX

2. Name and address of receiving party:

Name: KYOEI DENKO CO., LTD.

Street Address: 9-8, Kawagishi-Kami 1chome  
Okaya-shi, Nagano 394-0048 JapanAdditional name(s) & address(es) attached? Yes ☐ No ☒ XX

3. Nature of conveyance: Assignment

Execution Date: February 3, 1999

*408*

4. Title: MAGNETIC HEAD CARRIAGE FOR HARD DISC DRIVE

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

A. Patent Application No.(s)  
09/199,342

B. Patent No.(s)

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Additional numbers attached? Yes ☐ No ☒ XX

02/22/1999 DNGUYEN 00000182 09199342

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PATENT  
REEL: 9770 FRAME: 0001

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

Name: ARMSTRONG, WESTERMAN, HATTORI,  
MCLELAND & NAUGHTON  
1725 K Street, N.W., Suite 1000  
Washington, D.C. 20006

7. Total number of applications and patents involved: 1

8. Total fee (37 CFR 3.41). . . . . \$40.00

XX Enclosed

    Authorized to be charged to Deposit Account

9. Deposit Account No.: 01-2340

10. 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

February 19, 1999  
Date

27,133  
Registration No.

Total number of pages including cover sheet, attachments and document: 3

Rev. 2/97  
DWH/llf

## 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))

KYOEI DENKO CO., LTD. of 9-8, Kawagishi-Kami 1-Chome,  
Okaya-shi, NAGANO 394-0048 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)

MAGNETIC HEAD CARRIGE FOR HARD DISC DRIVE

(\*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 November 25, 1998, Serial No. 09/199,342

(Armstrong, Westerman, Hattori, McLeland & Naughton 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 therefor 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)

Yoshinori Shinbo  
(SIGNATURE)

Yoshinori SHINBO  
(TYPE NAME)

02/03/99  
(DATE)

Takeo Shinmura  
(SIGNATURE)

Takeo SHINMURA  
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NO LEGALIZATION REQUIRED