1. Name of conveying party(ies):
Shun-ichi NARUMI, Hiroshi FUKUJ, Katsumi HOSHINO, Katsuo WATANABE, Kazue KUDO, Morisaki FUYAMA

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

2. Name and address of receiving party(ies)
Name: Hitachi LTD
Internal Address:
Street Address: 6, Randa Surugadai 4-Chome
City: Chiyoda-Ku, Tokyo Japan
State: ZIP:

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

3. Nature of conveyance:
☑ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: June 26, 1998

4. Application number(s) or patent number(s):
09/116,524

If this document is being filed together with a new application, the execution date of the application is: June 26, 1998

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
☐ Authorized to be charged to deposit account

8. Deposit account number:
01-2135

(Attach duplicate copy of this page if paying by deposit account)

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.

William I. Solomon
Name of Person Signing 28,565

Signature

Date July 16, 1998

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 9332 FRAME: 052
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, Ltd. of 6, Kanda Surugadai 4-chome, Chiyoda-ku, Tokyo 101-8010, 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 MAGNETORESISTIVE EFFECT TYPE REPRODUCING HEAD AND MAGNETIC DISK APPARATUS EQUIPPED WITH THE REPRODUCING HEAD 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 therefore, and executed by us even date herewith and all United States Letters Patent which may be granted therefor, and all divisions, continuations and continuations thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said Hitachi, 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, Ltd.

(Full Name) (Signature)

1) Date June 26, 1998 Inventor Shun-ichi Narumi
Residence Same as Post Office Address Citizenship Japan
Post Office Address 17-2-401, Moriyama-cho 3-chome, Hitachi-shi, Ibaraki 316-0025, Japan

2) Date June 26, 1998 Inventor Hiroshi Fukui
Residence Same as Post Office Address Citizenship Japan
Post Office Address 24-7, Mikanohara-cho 2-chome, Hitachi-shi, Ibaraki 316-0026, Japan

3) Date June 26, 1998 Inventor Katsumi Hoshino
Residence Same as Post Office Address Citizenship Japan
Post Office Address Oonuma-ryo, 20-1, Kitanakasawa-cho 5-chome, Hitachi-shi, Ibaraki 316-0014, Japan

4) Date June 26, 1998 Inventor Katsuo Watanabe
Residence Same as Post Office Address Citizenship Japan
Post Office Address 4103-1, Oosato, Konasagou-machi, Kuji-gun, Ibaraki 313-0125, Japan

5) Date June 26, 1998 Inventor Kazue Kudo
Residence Same as Post Office Address Citizenship Japan
Post Office Address 8-12-408, Kokubu-cho 3-chome, Hitachi-shi, Ibaraki 316-0035, Japan

Witness(es)

1 2 3 4

All: Masahiro Yamagata

PATENT

REEL: 9332 FRAME: 0522