

06-19-1998



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To the Honorable Commissioner of Patents and Trademarks 100742476

attached original documents or copy thereof.

U.S. P. O. 09/09/98

86/01/90

2803-62442

86-01-9
MLO

1. Name of conveying party(ies):

Hitoshi Kanai

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

2. Name and address of receiving party(ies)

Name: Fujitsu Limited

Internal Address: 1-1, Kamikodanaka 4-chome

Nakahara-ku, Kawasaki-shi

Kanagawa, 211-8588 Japan

Street Address: 1-1, Kamikodanaka 4-chome

Nakahara-ku,

City: Kawasaki-shi State: Japan ZIP: 211-8588

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: 6-1-98

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: 6-1-98

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: Patrick G. Burns

Internal Address: GREER, BURNS & CRAIN, LTD.

233 S. Wacker Drive, Suite 8660

Chicago, IL 60606

Street Address: 233 S. Wacker Drive

Suite 8660

City: Chicago State: IL ZIP: 60606

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
Only in the event proper payment is not enclosed.

8. Deposit account number:

07-2069

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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.

Patrick G. Burns

Name of Person Signing

Signature

6-10-98

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:
40.00 UP Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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))

FUJITSU LIMITED

1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi,

Kanagawa 211-8588 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)

A SPIN VALVE MAGNETO-RESISTANCE EFFECT HEAD AND A MAGNETIC STORAGE

APPARATUS USING THE SAME

relating to International Patent Application PCT/JP _____/_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(Insert date
of execution
of application,
if not
concurrent)

(a) executed on _____ ;
(b) filed on _____ ,
Serial No. _____ / _____ ;

(_____) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

1) <u>Hitoshi Kanai</u>	<u>Hitoshi Kanai</u>	<u>June 1, 1998</u>
(SIGNATURE)	(TYPE NAME)	(DATE)
2) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)
3) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)
4) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)
5) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)
6) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)
7) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)
8) _____	_____	_____
(SIGNATURE)	(TYPE NAME)	(DATE)

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