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102046660

To the Honorable Commissioner of Patents and Trademarks: Please

thereof.

1. Name of conveying party(ies):

Yoshihiko Seyama
Keiichi Nagasaka
Yutaka Shimizu

Atsushi Tanaka

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

3. Nature of conveyance:

- (X) Assignment () Merger
 () Security Agreement () Change of Name
 () Other _____

Execution Date: **March 13, 2002**

2. Name and address of receiving party(ies)

Name: **Fujitsu Limited**

Internal Address:

Street Address: **1-1, Kamikodanaka 4-chome,**
Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached: () Yes (X) No

U.S. PTO
 10/106412
 03/26/02

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: **March 13, 2002**

A. Patent Application No.(s)

B. Patent No.(s)

10/106412

Additional numbers attached? () Yes (X) No

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

Name: **Patrick G. Burns**
Greer, Burns & Crain, Ltd.

Internal Address: **300 South Wacker Drive**
Suite 2500
Chicago, Illinois 60606

Street Address: _____

City: _____ State: _____ ZIP: _____

Additional name(s) & address(es) attached: () Yes (X) No

6. Total number of applications and patents involved: **1**

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

(X) Enclosed

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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

March 26, 2002
 Date

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

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PATENT
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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)

MAGNETIC SENSOR, MAGNETIC HEAD AND MAGNETIC RECORDING APPARATUS

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>Yoshihiko Seyama</u> (SIGNATURE)	<u>Yoshihiko Seyama</u> (TYPE NAME)	<u>March 13, 2002</u> (DATE)
2) <u>Keiichi Nagasaka</u> (SIGNATURE)	<u>Keiichi Nagasaka</u> (TYPE NAME)	<u>March 13, 2002</u> (DATE)
3) <u>Yutaka Shimizu</u> (SIGNATURE)	<u>Yutaka Shimizu</u> (TYPE NAME)	<u>March 13, 2002</u> (DATE)
4) <u>Atsushi Tanaka</u> (SIGNATURE)	<u>Atsushi Tanaka</u> (TYPE NAME)	<u>March 13, 2002</u> (DATE)
5) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
6) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
7) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)
8) _____ (SIGNATURE)	_____ (TYPE NAME)	_____ (DATE)