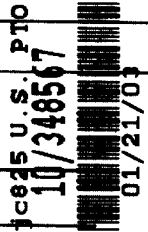




To the Honorable Commissioner of Patents and Trademarks

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copies or copy thereof.



1 Name of conveying party:

Yukinori Ikegawa

01/21/03

2. Name and address of receiving party(ies)

Name: FUJITSU LIMITED

Internal Address: 1-1, Kamikodanaka 4-chome,

Street Address: Nakahara-ku, Kawasaki-shi,

Kanagawa 211-8588 Japan

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

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

3. Nature of conveyance:

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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: 12-19-2002

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

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## UTILITY PATENT

## ASSIGNMENT

FOR VALUE RECEIVED, the receipt of which is hereby acknowledged, the following inventor or inventors (hereinafter called "ASSIGNOR")

Name: Yukinori IKEGAWA  
Address: c/o FUJITSU LIMITED  
of 1-1, Kamikodanaka 4-chome, Nakahara-ku,  
Kawasaki-shi, Kanagawa 211-8588 Japan

Name:  
Address:

Name:  
Address:

Name:  
Address:

hereby assigns, transfers and sets over to:

Name: FUJITSU LIMITED  
Address: of 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588  
Japan

(hereinafter called "ASSIGNEE"), the entire worldwide right, title and interest in and to the invention known as:

THIN FILM MAGNETIC HEAD AND METHOD OF MANUFACTURING THE SAME

for which a United States Patent Application was executed on even date herewith or, if not so executed, was:

- (a) executed on \_\_\_\_\_; or
- (b) filed on \_\_\_\_\_,  
Serial No. \_\_\_\_/\_\_\_\_\_;

and all rights and privileges under any Letters Patent which may be granted thereon, including all rights, if any, to sue for past infringement.

(1) The ASSIGNOR agrees without charge to said ASSIGNEE but at its expense (a) to execute (i) all necessary papers to be used in connection with this application and any additional, continuing, or divisional applications, as the ASSIGNEE may deem necessary or expedient, (ii) all papers in connection with any interference or other legal or quasi-legal proceedings relating to this application or any additional, continuing, or divisional application thereof; (b) to cooperate with ASSIGNEE in every way possible in obtaining evidence and going forward in any such proceedings; and (c) to perform all other affirmative acts which may be necessary or desirable to obtain a grant of a valid patent for said invention.

(2) ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any and all Letters Patent that may be granted upon any patent application or any additional, continuing or divisional applications thereof to the ASSIGNEE, its successors and assigns.

(3) ASSIGNOR hereby covenants and warrants that he has full right to convey the entire right, title and interest by this instrument, free of any encumbrances and that no other agreement has been or will be executed in conflict herewith.

(4) ASSIGNOR hereby grants to the law firm of GREER, BURNS & CRAIN, LTD. of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent and Trademark Office or a Patent Office of any foreign country.

Date 12.19.2002

Signature of inventor *Yukio Ikegawa*  
Yukio IKEGAWA

Date \_\_\_\_\_

Signature of inventor \_\_\_\_\_

Date \_\_\_\_\_

Signature of inventor \_\_\_\_\_

Date \_\_\_\_\_

Signature of inventor \_\_\_\_\_