



Form PTO-105 (Rev. 06/04)
Patent and Trademark Office 51-0027 (exp. 6/30/2005)

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TOMOMI FUNAYAMA
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2. Name and address of receiving party(ies)
Name: KABUSHIKI KAISHA TOSHIBA
Internal Address: 1-1, Shibaura 1-chome

Execution Date(s) August 9, 2004, August 17, 2004, August 18, 2004
Additional name(s) of conveying party(ies) attached? Yes No

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3. Nature of conveyance:
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4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
10/936,715
B. Patent No.(s)
Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: PILLSBURY WINTHROP LLP
Internal Address: P.O. Box 10500
Street Address: 1600 Tysons Boulevard
City: McLean
State: VA **Zip:** 22102
Phone Number: (703) 905-2000
Fax Number: (703) 905-2500
Email Address: jkarcieski@pillsburywinthrop.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
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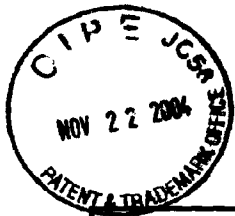
9. Signature: _____ November 22, 2004
Signature Date

Glenn T. Barrett, Reg. No. 38705 Total number of pages including cover sheet, attachments, and documents: 4
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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
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KOHICHI TATEYAMA _____

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City: _____ State: _____ ZIP: _____

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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: _____

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

MAGNETORESISTANCE EFFECT ELEMENT, MAGNETIC HEAD, HEAD SUSPENSION ASSEMBLY, AND MAGNETIC REPRODUCING APPARATUS

sell and assign to
 KABUSHIKI KAISHA TOSHIBA
 a Japanese corporation, having a business address at
 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one) executed concurrently herewith
 executed on _____ ;
 Application No. _____ , filed _____ ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

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