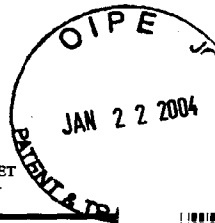


Atty Docket No.: 243401US2S

FORM PTO-1593
1-31-92

RECORDATION FORM COVER SHEET
PATENTS ONLY



01-28-2004



To the Honorable Commissioner of Patents and Trademarks. Please record the attached

1. Name of conveying party(ies):

Hiroaki YODA, Hisanori AIKAWA, Tomomasa UEDA, Tatsuya KISHI, Takeshi KAJIYAMA and Yoshiaki ASAO

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

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: November 7, 2003

2. Name and address

102655318

Name: KABUSHIKI KAISHA TOSHIBA

Address: 1-1 Shibaura 1-chome,
Minato-Ku, Tokyo, Japan 105-8001

Additional name(s) and address(es) attached? ☐ Yes ☒ No

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)

10/671,743

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Customer Number

22850

Tel. (703) 413-3000
Fax. (703) 413-2220

6. Total 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: 15-0030
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Eckhard H. Kuesters
Name of Person Signing

Joseph A. Scafetta, Jr.
Signature

Jan. 22, 2004
Date

Registration Number: 28,870

Joseph A. Scafetta, Jr.
Registration No. 26,803

Total number of pages including this cover sheet: 3

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C. 20231

01/27/2004 DBYRNE 00000053 10671743

01 FC:8021

40.00 OP

PATENT
REEL: 014914 FRAME: 0345

A S S I G N M E N T

In consideration of value received, I, having a mailing address at c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to 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:

MAGNETIC RANDOM ACCESS MEMORY AND METHOD OF MANUFACTURING THE SAME

said application having been filed on September 29, 2003
and assigned Application No. 10/671,743 ;

sell and assign to
KABUSHIKI KAISHA TOSHIBA
a corporation of Japan, having a business address at
1-1 Shibaura 1-chome, Minato-Ku, Tokyo, 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 application for United States
patent: (check one)

☒ executed concurrently herewith;

☐ executed separately herefrom;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions 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 proceeding, sign all lawful papers, execute all divisional, continuing, 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 in all countries.

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.

Oblon, Spivak, McClelland, Maier & Neustadt, P.C., 1940 Duke Street,
Alexandria, Virginia 22314

A S S I G N M E N T

02S1508

<u>Inventor: (Signature)</u>	<u>Date</u>	<u>Residence</u>
<u>Hiroaki Yoda</u>	<u>NOV. - 7. 2003</u>	<u>Kawasaki-shi, Japan</u>
<u>Hisanori Aikawa</u>	<u>NOV. - 7. 2003</u>	<u>Yokohama-shi, Japan</u>
<u>Tomomasa Ueda</u>	<u>NOV. - 7. 2003</u>	<u>Yokohama-shi, Japan</u>
<u>Tatsuya Kishi</u>	<u>NOV. - 7. 2003</u>	<u>Yokohama-shi, Japan</u>
<u>Takeshi Kajiyama</u>	<u>NOV. - 7. 2003</u>	<u>Yokohama-shi, Japan</u>
<u>Yoshiaki Asao</u>	<u>NOV. - 7. 2003</u>	<u>Yokohama-shi, Japan</u>

RECORDING OFFICER:

After recording please return to:
 Oblon, Spivak, McClelland,
 Maier & Neustadt, P.C.,

1940 Duke Street
 Alexandria, VA 22314

RECORDED: 01/22/2004

PATENT
 REEL: 014914 FRAME: 0347