

10-01-2004

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 04329.3325
Attorney Customer Number: 22,852To the Honorable Commissioner of Patents
Please record the attached original document

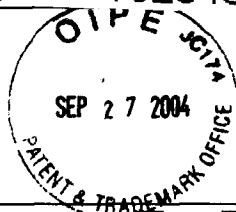
102849208

ATTN. BOX ASSIGNMENTS RECORDATION
SERVICES

1. Name of conveying party(ies):
- 1) Hiroaki HAZAMA
 - 2) Seiichi MORI
 - 3) Hirohisa IIZUKA
 - 4) Norio OOTANI
 - 5) Kazuhito NARITA

2. Name and address of receiving party(ies):

Name: KABUSHIKI KAISHA TOSHIBA

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

Internal Address:

3. Nature of conveyance:

Street Address: 1-1, Shibaura 1-chome, Minato-ku,
Tokyo 105-8001, Japan☒ Assignment ☐ Merger

City:

☐ Security Agreement ☐ Change of Name

State:

Zip Code:

☐ Other:

Additional name(s) & Address(es) attached?

Execution Date: September 9, 2004

☐ 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:

A. Patent Application Number(s):

10/860,014

B. Patent Number(s):

Additional numbers attached?

☐ Yes☒ No

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

Name: Mr. Ernest F. Chapman

6. Total number of applications and registrations involved:

1

7. Total fee (37 CFR 3.41): \$40

☒ Enclosed (Please charge deficiency to deposit account)☐ Authorized to be charged to deposit accountInternal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT
& DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

8. Deposit Account No.: 06-0916

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.

Richard V. Burgujian

Reg. No. 31,744

Signature

ERNEST F. CHAPMAN

September 27, 2004

Date

09/30/2004 BYRNE 00000084 10860014

01 FC:8021

Total number of pages including cover sheet, attachments and documents: 3

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:

NONVOLATILE SEMICONDUCTOR MEMORY DEVICE AND MANUFACTURING METHOD THEREFOR

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. 10/860,014 , filed June 4, 2004 ;

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.

Finnegan, Henderson, Farabow, Garrett & Dunner, L.L.P., 1300 I Street, N.W., Washington, D.C. 20005-3315

ASSIGNMENT

(03S0162)

[1st Inventor]

Residence Address: Hachioji-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Hiroaki Hazama

Hiroaki Hazama

SEP. - 9. 2004

Date:

[2nd Inventor]

Residence Address: Tokyo, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Seiichi Mori

Seiichi Mori

SEP. - 9. 2004

Date:

[3rd Inventor]

Residence Address: Yokkaichi-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Hirohisa Iizuka

Hirohisa Iizuka

SEP. - 9. 2004

Date:

[4th Inventor]

Residence Address: Yokkaichi-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Norio Ootani

Norio Ootani

SEP. - 9. 2004

Date:

[5th Inventor]

Residence Address: Yokkaichi-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Kazuhito Narita

Kazuhito Narita

SEP. - 9. 2004

Date: