

08-27-2007



U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 04329.4099
Attorney Customer Number: 22,852

To the Director of the U.S. Patents and Tra

103439995

original documents or copy thereof.

1. Name of conveying party(ies):

- 1) Atsuhiko KINOSHITA
- 2) Riichiro SHIROTA
- 3) Hiroshi WATANABE
- 4) Kenichi MUROOKA
- 5) Junji KOGA

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

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

Name: **KABUSHIKI KAISHA TOSHIBA**

Internal Address:

Street Address: **1-1, Shibaura 1-chome, Minato-ku,
Tokyo 105-8001, Japan**

City:

State:

Zip Code:

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

☐ Yes

☒ No

3. Nature of conveyance/Execution Date(s):

Execution Dates: 1) July 19, 2007; 2) June 25, 2007;

3) July 26, 2007; 4) July 18, 2007; 5) July 17, 2007

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other

4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application Number(s): **11/699,334**

B. Patent Number(s):

Additional numbers attached?

☐ Yes

☒ No

5. Name and address of 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**

- ☐ Authorized to be charged by credit card
- ☐ Authorized to be charged to deposit account
- ☒ Enclosed (Please charge deficiency to deposit account)
- ☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit Account No.: **06-0916**

Authorized User Name _____

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

August 22, 2007

Date

Total number of pages including cover sheet, attachments and documents: **6**

PATENT

REEL: 019761 FRAME: 0564

ASSIGNMENT

13G041744-USA-A
(06S0638)

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 THEREOF

sell and assign to
KABUSEIKI 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. 11/699,334 , filed January 30, 2007 ;

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., 901 New York Avenue, NW
Washington, D.C. 20001-4413

ASSIGNMENT

18G041744-USA-A
(06S0638)

[1st Inventor]

Residence Address: Kamakura-shi, Japan

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

Citizenship: Japan

Atsuhiko Kinoshita
Atsuhiko KinoshitaJuly 19, 2007
Date:

[2nd Inventor]

Residence Address: Fujisawa-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
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Citizenship: Japan

Richiro Shiota

Date:

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Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
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Citizenship: Japan

Hiroshi Watanabe

Date:

[4th Inventor]

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

Citizenship: Japan

Kenichi Murooka

Date:

[5th Inventor]

Residence Address: Yokosuka-shi, Japan

Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
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Citizenship: Japan

Junji Koga

Date:

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Atsubiro Kinoshita

Date:

[2nd Inventor]

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*Riichiro Shirota**25, June, 2007*

Riichiro Shirota

Date:

[3rd Inventor]

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Mailing Address: c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome,
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Hiroshi Watanabe

Date:

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Kenichi Murooka

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Junji Koga

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Citizenship: Japan

Riichiro Shiota

Date:

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