

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
Ryouhei KIRISAWA	03/09/2010
Masaru KITO	03/09/2010
Shigeto OOTA	03/09/2010
Yoshimasa MIKAJIRI	03/09/2010

**RECEIVING PARTY DATA**

Name:	KABUSHIKI KAISHA TOSHIBA
Street Address:	1-1, Shibaura 1-chome, Minato-Ku
City:	Tokyo
State/Country:	JAPAN

**PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	12725827

**CORRESPONDENCE DATA**

Fax Number: (703)413-2220  
*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
 Phone: (703) 413-3000  
 Email: tdash@oblon.com  
 Correspondent Name: Oblon, Spivak, et al.  
 Address Line 1: 1940 Duke Street  
 Address Line 4: Alexandria, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	356791US2
NAME OF SUBMITTER:	Tameka Dash

Total Attachments: 4  
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AMG052177-USA-A

### Assignment of Application

INSERT NAMES AND RESIDENCE ADDRESS OF THE INVENTORS.

WHEREAS, I (WE) 1) Ryouhei KIRISAWA  
2) Masaru KITO  
3) Shigeto OOTA  
4) Yoshimasa MIKAJIRI  
of  
1) Kanagawa-ken, Japan  
2) Kanagawa-ken, Japan  
3) Kanagawa-ken, Japan  
4) Mie-ken, Japan

\_\_\_\_\_, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: "NONVOLATILE SEMICONDUCTOR MEMORY DEVICE"

(Application No. \_\_\_\_\_, filed \_\_\_\_\_), and

INSERT NAME AND ADDRESS OF COMPANY OR OTHER ASSIGNEE

WHEREAS, Kabushiki Kaisha Toshiba  
(hereinafter referred to as "ASSIGNEE") having a place of business at: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this Assignment and sale not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, P.C. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: Mar. 9, 2010

Ryouhei Kirisawa  
(Signature of Inventor) Ryouhei KIRISAWA

Date: March 9, 2010

Masaru Kito  
(Signature of Inventor) Masaru KITO

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor) Shigeto OOTA

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor) Yoshimasa MIKAJIRI

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

Date: \_\_\_\_\_

\_\_\_\_\_  
(Signature of Inventor)

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

AMG052177-USA-A

# Assignment of Application

INSERT NAMES  
AND RESIDENCE  
ADDRESSES OF  
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4) Yoshimasa MIKAJIRI  
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(Application No. \_\_\_\_\_, filed \_\_\_\_\_), and

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AND ADDRESS OF  
COMPANY OR  
OTHER ASSIGNEE:

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Date: \_\_\_\_\_

(Signature of Inventor) Ryouhei KIRISAWA

Date: \_\_\_\_\_

(Signature of Inventor) Masaru KITO

Date: Mar. 9. 2010

(Signature of Inventor) Shigeto Oota  
Shigeto OOTA

Date: Mar. 9. 2010

(Signature of Inventor) Yoshimasa Mikajiri  
Yoshimasa MIKAJIRI

Date: \_\_\_\_\_

(Signature of Inventor) \_\_\_\_\_

Date: \_\_\_\_\_

(Signature of Inventor) \_\_\_\_\_

**OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.**  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314

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