

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Hanae ISHIHARA</td> <td>03/09/2012</td> </tr> <tr> <td>Mitsuru SATO</td> <td>03/09/2012</td> </tr> <tr> <td>Toru MATSUDA</td> <td>03/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hanae ISHIHARA	03/09/2012	Mitsuru SATO	03/09/2012	Toru MATSUDA	03/09/2012
Name	Execution Date								
Hanae ISHIHARA	03/09/2012								
Mitsuru SATO	03/09/2012								
Toru MATSUDA	03/09/2012								
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									
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13421471</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13421471				
Property Type	Number								
Application Number:	13421471								
CORRESPONDENCE DATA									
Fax Number:	(703)413-2220								
Phone:	(703) 413-3000								
Email:	jabarca@oblon.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Oblon, Spivak, et al.								
Address Line 1:	1940 Duke Street								
Address Line 4:	Alexandria, VIRGINIA 22314								
ATTORNEY DOCKET NUMBER:	396539US2								
NAME OF SUBMITTER:	Jessica Abarca								
Total Attachments: 2 source=396539USAssignment#page1.tif source=396539USAssignment#page2.tif									

OP \$40.00 13421471

AMG061624-USA-A

### Assignment of Application

INSERT NAME AND RESIDENCE ADDRESS OF THE INVENTORS:

WHEREAS, I (WE) 1) Hanae ISHIHARA  
2) Mitsuru SATO  
3) Toru MATSUDA  
 of:  
1) Mie-ken, Japan  
2) Mie-ken, Japan  
3) Mie-ken, Japan  
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 \_\_\_\_\_  
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 \_\_\_\_\_, respectively,

INSERT TITLE OF INVENTION:

have invented certain new and useful improvements in: "NONVOLATILE SEMICONDUCTOR MEMORY DEVICE AND METHOD FOR MANUFACTURING SAME"

(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.

10/01

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: March 9, 2012 \_\_\_\_\_  
 (Signature of Inventor) Hanae Ishihara  
 Hanae ISHIHARA

Date: March 9, 2012 \_\_\_\_\_  
 (Signature of Inventor) Mitsuru Sato  
 Mitsuru SATO

Date: March 9, 2012 \_\_\_\_\_  
 (Signature of Inventor) Toru Matsuda  
 Toru MATSUDA

Date: \_\_\_\_\_  
 (Signature of Inventor) \_\_\_\_\_

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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