

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
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<table border="1"> <tr> <td>Name:</td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shibaura 1-chome, Minato-Ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>Japan</td> </tr> <tr> <td>Postal Code:</td> <td>105-8001</td> </tr> </table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome, Minato-Ku	City:	Tokyo	State/Country:	Japan	Postal Code:	105-8001				
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CORRESPONDENCE DATA															
<p>Fax Number: 7034132220</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (703) 413-3000</p> <p>Email: bpalmer@oblon.com</p> <p>Correspondent Name: Oblon, Spivak, et al.</p> <p>Address Line 1: 1940 Duke Street</p> <p>Address Line 4: Alexandria, VIRGINIA 22314</p>															
ATTORNEY DOCKET NUMBER:	404027US2														
NAME OF SUBMITTER:	Brian Palmer														
<p>Total Attachments: 2</p> <p>source=404027USASSN#page1.tif</p> <p>source=404027USASSN#page2.tif</p>															

OP \$40.00 13599301

AMG062909-USA-A

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESSES OF
THE INVENTORS:

WHEREAS, I (WE) 1) Yoichi MINEMURA
2) Takayuki TSUKAMOTO
3) Takafumi SHIMOTORI
4) Hiroshi KANNO
5) Tomonori KUROSAWA
6) Mizuki KANEKO
 of:
1) Mie-ken, Japan
2) Mie-ken, Japan
3) Kanagawa-ken, Japan
4) Mie-ken, Japan
5) Kanagawa-ken, Japan
6) Kanagawa-ken, Japan
 _____, respectively,

INSERT TITLE OF
INVENTION:

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

(Application No. 13/599,301, filed August 30, 2012), 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: <u>Sept 4, 2012</u>	<u>Yoichi Minemura</u> (Signature of Inventor) Yoichi MINEMURA
Date: <u>Sept. 4, 2012</u>	<u>Takayuki Tsukamoto</u> (Signature of Inventor) Takayuki TSUKAMOTO
Date: <u>Sept 11, 2012</u>	<u>Takafumi Shimotori</u> (Signature of Inventor) Takafumi SHIMOTORI
Date: <u>Sept. 4, 2012</u>	<u>Hiroshi Kanno</u> (Signature of Inventor) Hiroshi KANNO
Date: <u>Sept, 10, 2012</u>	<u>Tomonori Kurosawa</u> (Signature of Inventor) Tomonori KUROSAWA
Date: <u>Sept. 10, 2012</u>	<u>Mizuki Kaneko</u> (Signature of Inventor) Mizuki KANEKO

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

10/01