

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

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>Takafumi SHIMOTORI</td><td>03/28/2011</td></tr><tr><td>Yoichi MINEMURA</td><td>03/29/2011</td></tr><tr><td>Hiroshi KANNO</td><td>03/29/2011</td></tr><tr><td>Takayuki TSUKAMOTO</td><td>03/29/2011</td></tr><tr><td>Jun NISHIMURA</td><td>03/29/2011</td></tr><tr><td>Masahiro UNE</td><td>04/03/2011</td></tr></tbody></table>	Name	Execution Date	Takafumi SHIMOTORI	03/28/2011	Yoichi MINEMURA	03/29/2011	Hiroshi KANNO	03/29/2011	Takayuki TSUKAMOTO	03/29/2011	Jun NISHIMURA	03/29/2011	Masahiro UNE	04/03/2011	
Name	Execution Date														
Takafumi SHIMOTORI	03/28/2011														
Yoichi MINEMURA	03/29/2011														
Hiroshi KANNO	03/29/2011														
Takayuki TSUKAMOTO	03/29/2011														
Jun NISHIMURA	03/29/2011														
Masahiro UNE	04/03/2011														
RECEIVING PARTY DATA															
Name:	KABUSHIKI KAISHA TOSHIBA														
Street Address:	1-1, Shibaura 1-chome, Minato-ku														
City:	Tokyo														
State/Country:	JAPAN														
Postal Code:	105-8001														
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>13052174</td></tr></tbody></table>	Property Type	Number	Application Number:	13052174											
Property Type	Number														
Application Number:	13052174														
CORRESPONDENCE DATA															
Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone: (703) 413-3000															
Email: tclemons@oblon.com															
Correspondent Name: Oblon, Spivak, et al.															
Address Line 1: 1940 Duke Street															
Address Line 4: Alexandria, VIRGINIA 22314															
ATTORNEY DOCKET NUMBER:	377844US2S														
NAME OF SUBMITTER:	Toben R. Clemons														
Total Attachments: 3 source=377844USASN#page1.tif source=377844USASN#page2.tif source=377844USASN#page3.tif															

OP \$40.00 13052174

501550243

PATENT
REEL: 026369 FRAME: 0294

ASSIGNMENT

AMG054588-USA-A
(10S1424)

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:

SEMICONDUCTOR MEMORY DEVICE AND METHOD FOR CONTROLLING THE
SAME

have sold and assigned and do hereby 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. 13/052,174, filed March 21, 2011 ;

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.

Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P., 1940 Duke Street Alexandria, VA
22314

ASSIGNMENT

AMG054588-USA-A
(10S1424)

[1st Inventor]

Residence Address: Kawasaki-shi, Japan

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

Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Takafumi Shimotori

Takafumi Shimotori

March 28, 2011

Date:

[2nd 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

Yoichi Minemura

Yoichi Minemura

March 29, 2011

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

Hiroshi Kanno

Hiroshi Kanno

March 29, 2011

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

Takayuki Tsukamoto

Takayuki Tsukamoto

March 29, 2011

Date:

[5th Inventor]

Residence Address: Kuwana-shi, Japan

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

Minato-ku, Tokyo 105-8001, Japan

Citizenship: Japan

Jun Nishimura

Jun Nishimura

March 29, 2011

Date:

PATENT

REEL: 026369 FRAME: 0296

ASSIGNMENT

AMG054588-USA-A
(10S1424)

[6th Inventor]

Residence Address: Hiroshima-shi, Japan

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

Citizenship: Japan

Masahiro Une
Masahiro Une

April 3, 2011
Date: