

## 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>Jun Fujiki</td><td>09/12/2011</td></tr><tr><td>Kiwamu Sakuma</td><td>09/13/2011</td></tr><tr><td>Naoki Yasuda</td><td>09/12/2011</td></tr><tr><td>Yukio Nakabayashi</td><td>09/20/2011</td></tr><tr><td>Masumi Saitoh</td><td>09/13/2011</td></tr></tbody></table>	Name	Execution Date	Jun Fujiki	09/12/2011	Kiwamu Sakuma	09/13/2011	Naoki Yasuda	09/12/2011	Yukio Nakabayashi	09/20/2011	Masumi Saitoh	09/13/2011	
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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>13246996</td></tr></tbody></table>	Property Type	Number	Application Number:	13246996									
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Application Number:	13246996												
CORRESPONDENCE DATA													
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Total Attachments: 1 source=Assignment_110e006#page1.tif													

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PATENT  
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## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby expressly acknowledged, the undersigned hereby agree(s) to assign, and hereby, assign(s), sell(s) and transfer(s) to

### Kabushiki Kaisha Toshiba

1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

as Assignee, and its successors, assigns or other legal representatives, the entire right, title and interest, in the United States of America, and its territories, dependencies and possessions, to certain inventions known as

### SEMICONDUCTOR MEMORY DEVICE

described in an application for Letters Patent of the United States executed

X on even date herewith

as U.S. Application Serial No. \_\_\_\_\_

filed on \_\_\_\_\_

as well as any and all continuations, divisions, and reissues of said application and all Letters Patents that may be granted therefor. The undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent or Letters Patents to said Assignee.

The undersigned agree(s), when requested, to sign all papers, take all rightful oaths, and perform all acts which may be necessary for securing, maintaining and enforcing patents for said inventions and for vesting title thereto in said Assignee.

The undersigned authorize(s) and empower(s) said Assignee to invoke and claim the benefit of the right of priority provided under any and all international conventions and treaties in respect of said inventions, as may be necessary in connection with said application.

The undersigned also authorize(s) Posz Law Group, PLC to insert hereon any further identification that may be necessary or desirable for recordation of this document.

Jun Fujiki

Inventor 1: Jun FUJIKI

Sept. 12, 2011

Date

Witness

Kiwamu Sakuma

Inventor 2: Kiwamu SAKUMA

Sept. 13, 2011

Date

Witness

Naoki Yasuda

Inventor 3: Naoki YASUDA

Sept. 12, 2011

Date

Witness

Yukio Nakabayashi

Inventor 4: Yukio NAKABAYASHI

Sept. 20, 2011

Date

Witness

Masumi Saitoh

Inventor 5: Masumi SAITOH

Sept. 13, 2011

Date

Witness

☐ Additional Inventor(s) is (are) listed on the attached sheet which is incorporated herein by reference.