

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Emiko NAGATANI</td> <td>12/05/2007</td> </tr> <tr> <td>Tokumasa HARA</td> <td>12/05/2007</td> </tr> </tbody> </table>		Name	Execution Date	Emiko NAGATANI	12/05/2007	Tokumasa HARA	12/05/2007
Name	Execution Date						
Emiko NAGATANI	12/05/2007						
Tokumasa HARA	12/05/2007						
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" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11875260</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11875260		
Property Type	Number						
Application Number:	11875260						
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:	vbojanic@oblon.com						
Correspondent Name:	Oblon, Spivak, et al.						
Address Line 1:	1940 Duke Street						
Address Line 4:	Alexandria, VIRGINIA 22314						
ATTORNEY DOCKET NUMBER:	316398US2						
NAME OF SUBMITTER:	Vesna Bojanic						
Total Attachments: 2 source=316398USAssignment#page1.tif source=316398USAssignment#page2.tif							

OP \$40.00 11875260

Assignment of Application

INSERT NAME
AND RESIDENCE
ADDRESS OF
THE INVENTOR.

WHEREAS, I (WE) Emiko NAGATANI (Kawasaki-shi, Kanagawa, Japan), Tokumasa HARA (Kawasaki-shi,
Kanagawa, Japan)

), respectively,

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: SEMICONDUCTOR MEMORY DEVICE AND ELECTRIC
POWER SUPPLY METHOD

(Application No. 11/875,260 , filed October 19, 2007), 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: December 5, 2007

Emiko Nagatani
(Signature of Inventor) Emiko NAGATANI

Date: December 5, 2007

Tokumasa Hara
(Signature of Inventor) Tokumasa HARA

Date: _____

(Signature of Inventor)

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