

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Tatsuo IZUMI</td><td>10/16/2008</td></tr><tr><td>Takeshi KAMIGAICHI</td><td>10/06/2008</td></tr></tbody></table>		Name	Execution Date	Tatsuo IZUMI	10/16/2008	Takeshi KAMIGAICHI	10/06/2008
Name	Execution Date						
Tatsuo IZUMI	10/16/2008						
Takeshi KAMIGAICHI	10/06/2008						
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>12245199</td></tr></tbody></table>		Property Type	Number	Application Number:	12245199		
Property Type	Number						
Application Number:	12245199						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Vesna Bojanic						
Total Attachments: 2 source=332997USAssignment#page1.tif source=332997USAssignment#page2.tif							

OP \$40.00 12245199

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Assignment of Application

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WHEREAS, I (WE) Tatsuo IZMUMI of c/o Intellectual Property Division, Toshiba Corporation,
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, JAPAN; Takeshi KAMIGAICHI of
c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku,
Tokyo 105-8001, JAPAN;

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

_____, respectively,

have invented certain new and useful improvements in: NON-VOLATILE SEMICONDUCTOR
STORAGE DEVICE AND METHOD OF MANUFACTURING THE SAME

INSERT TITLE
OF INVENTION:

for which an application for Letters Patent was executed on _____
(Application No. 12/245,199 _____, filed October 3, 2008 _____), and

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

WHEREAS, KABUSHIKI KAISHA TOSHIBA
(hereinafter referred to as "ASSIGNEE") having a place of business at: _____
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, JAPAN

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

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.

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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>October 16, 2008</u>	<u>Tatsuo Izumi</u> (Signature of Inventor) Tatsuo IZUMI
Date: <u>Oct 16, 2008</u>	<u>Takeshi Kamigaichi</u> (Signature of Inventor) Takeshi KAMIGAICHI
Date: _____	_____ (Signature of Inventor)
Date: _____	_____ (Signature of Inventor)
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

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