

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>Kenji AOYAMA</td><td>01/13/2011</td></tr><tr><td>Kazuhiko YAMAMOTO</td><td>01/13/2011</td></tr><tr><td>Satoshi ISHIKAWA</td><td>01/13/2011</td></tr><tr><td>Shigeto OSHINO</td><td>01/13/2011</td></tr></tbody></table>		Name	Execution Date	Kenji AOYAMA	01/13/2011	Kazuhiko YAMAMOTO	01/13/2011	Satoshi ISHIKAWA	01/13/2011	Shigeto OSHINO	01/13/2011
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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></table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome, Minato-Ku	City:	Tokyo	State/Country:	JAPAN		
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (703)413-2220 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Total Attachments: 2 source=375273USAssignment#page1.tif source=375273USAssignment#page2.tif											

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PATENT

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DPG054299-USA-A

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS

WHEREAS, I (WE) 1) Kenji AOYAMA of Kanagawa-ken, Japan
2) Kazuhiko YAMAMOTO of Kanagawa-ken, Japan
3) Satoshi ISHIKAWA of Kanagawa-ken, Japan
4) Shigeto OSHINO of Kanagawa-ken, Japan

 _____, respectively,

INSERT TITLE OF
INVENTION

have invented certain new and useful improvements in: "NONVOLATILE MEMORY DEVICE AND METHOD
FOR MANUFACTURING SAME"

(Application No. _____, filed _____), 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.

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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>Jan 13, 2011</u>	<u>Kenji Aoyama</u> (Signature of Inventor) Kenji AOYAMA
Date: <u>Jan 13, 2011</u>	<u>Kazuhiko Yamamoto</u> (Signature of Inventor) Kazuhiko YAMAMOTO
Date: <u>Jan 13, 2011</u>	<u>Satoshi Ishikawa</u> (Signature of Inventor) Satoshi ISHIKAWA
Date: <u>Jan 13, 2011</u>	<u>Shigeto Oshino</u> (Signature of Inventor) Shigeto OSHINO
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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