

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>Yasuhiro NOJIRI</td><td>04/07/2011</td></tr><tr><td>Hiroyuki FUKUMIZU</td><td>04/08/2011</td></tr><tr><td>Shinichi NAKAO</td><td>04/18/2011</td></tr><tr><td>Kei WATANABE</td><td>04/14/2011</td></tr><tr><td>Kazuhiko YAMAMOTO</td><td>04/18/2011</td></tr><tr><td>Ichiro MIZUSHIMA</td><td>04/15/2011</td></tr><tr><td>Yoshio OZAWA</td><td>04/15/2011</td></tr></tbody></table>	Name	Execution Date	Yasuhiro NOJIRI	04/07/2011	Hiroyuki FUKUMIZU	04/08/2011	Shinichi NAKAO	04/18/2011	Kei WATANABE	04/14/2011	Kazuhiko YAMAMOTO	04/18/2011	Ichiro MIZUSHIMA	04/15/2011	Yoshio OZAWA	04/15/2011	
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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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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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ATTORNEY DOCKET NUMBER:	378503US2																
NAME OF SUBMITTER:	Mesfin Kassaye																
Total Attachments: 2 source=378503US2ASSIGNMENT#page1.tif source=378503US2ASSIGNMENT#page2.tif																	

OP \$40.00 13075658

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PATENT
REEL: 026634 FRAME: 0748

AMG054414-USA-A

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) 1) Yasuhiro NOJIRI of Mie-ken, Japan

2) Hiroyuki FUKUMIZU of Mie-ken, Japan

3) Shinichi NAKAO of Kanagawa-ken, Japan

4) Kei WATANABE of Tokyo, Japan

5) Kazuhiko YAMAMOTO of Kanagawa-ken, Japan

6) Ichiro MIZUSHIMA of Kanagawa-ken, Japan

7) Yoshio OZAWA of Kanagawa-ken, Japan

, respectively,

INSERT TITLE OF
INVENTION:

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

(Application No. 13/075,658, filed March 30, 2011), 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;

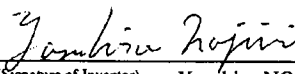

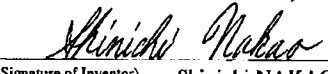

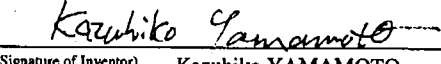
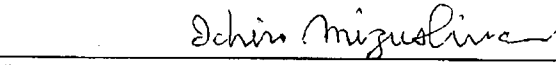
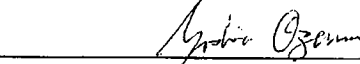
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United 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>April 7, 2011</u>	<u></u> (Signature of Inventor) Yasuhiro NOJIRI
Date: <u>April 8, 2011</u>	<u></u> (Signature of Inventor) Hiroyuki FUKUMIZU
Date: <u>April 18, 2011</u>	<u></u> (Signature of Inventor) Shinichi NAKAO
Date: <u>April 14, 2011</u>	<u></u> (Signature of Inventor) Kei WATANABE
Date: <u>April 18, 2011</u> April 14, 2011 K.W. April 14, 2011	<u></u> (Signature of Inventor) Kazuhiko YAMAMOTO
Date: <u>April 15, 2011</u>	<u></u> (Signature of Inventor) Ichiro MIZUSHIMA
Date: <u>April 15, 2011</u>	<u></u> (Signature of Inventor) Yoshio OZAWA
Date: _____	_____ (Signature of Inventor)

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1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

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