

PATENT ASSIGNMENT

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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>Tatsuyuki ISHIKAWA</td> <td>08/20/2007</td> </tr> <tr> <td>Mitsuaki HONMA</td> <td>08/21/2007</td> </tr> <tr> <td>Hironori UCHIKAWA</td> <td>08/29/2007</td> </tr> </tbody> </table>		Name	Execution Date	Tatsuyuki ISHIKAWA	08/20/2007	Mitsuaki HONMA	08/21/2007	Hironori UCHIKAWA	08/29/2007
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Tatsuyuki ISHIKAWA	08/20/2007								
Mitsuaki HONMA	08/21/2007								
Hironori UCHIKAWA	08/29/2007								
RECEIVING PARTY DATA									
Name:	KABUSHIKI KAISHA TOSHIBA								
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City:	Tokyo								
State/Country:	JAPAN								
Postal Code:	105-8001								
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>11839222</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11839222				
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Application Number:	11839222								
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:	313474US								
NAME OF SUBMITTER:	Mesfin Kassaye								
Total Attachments: 2 source=313474USAssignment#page1.tif source=313474USAssignment#page2.tif									

OP \$40.00 11839222

PATENT

500362482

REEL: 019879 FRAME: 0637

Assignment of Application

WHEREAS, I (WE) Tatsuyuki ISHIKAWA of c/o Intellectual Property Division, Toshiba Corporation,
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, JAPAN; Mitsuaki HONMA of
c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku,
Tokyo 105-8001, JAPAN; and Hironori UCHIKAWA 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 NON-VOLATILE STORAGE SYSTEM

INSERT TITLE
OF INVENTION:

for which an application for Letters Patent was executed on _____
(Application No. 11/839,222, filed August 15, 2007), and

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

WHEREAS, KABUSHIKI KAISHA TOSHIBA
(hereinafter referred to as "ASSIGNEE") having a place of business at: _____

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE

1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, 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>August 20, 2007</u>	<u>Tatsuyuki Ishikawa</u> (Signature of Inventor) Tatsuyuki ISHIKAWA
Date: <u>Aug 21, 2007</u>	<u>Mitsuaki Honma</u> (Signature of Inventor) Mitsuaki HONMA
Date: <u>Aug. 29, 2007</u>	<u>Hironori Uchikawa</u> (Signature of Inventor) Hironori UCHIKAWA
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.
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