

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Kosuke YANAGIDAIRA | 06/29/2009 |
| Toshihiro SUZUKI | 07/09/2009 |
| Naoya TOKIWA | 06/30/2009 |
| RECEIVING PARTY DATA | |
| Name: | KABUSHIKI KAISHA TOSHIBA |
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| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 12507366 |
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| NAME OF SUBMITTER: | Byron F. Galvez |
| Total Attachments: 2 source=345931USASSIGN#page1.tif source=345931USASSIGN#page2.tif | |

OP \$40.00 12507366

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Kosuke YANAGIDAIRA of c/o Intellectual Property Division, Toshiba Corporation,
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, JAPAN; Toshihiro SUZUKI of c/o
Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku,
Tokyo 105-8001, JAPAN; and Naoya TOKIWA of c/o Intellectual Property Division,
Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, JAPAN

INSERT TITLE
OF INVENTION:

have invented certain new and useful improvements in: NON-VOLATILE SEMICONDUCTOR STORAGE
SYSTEM

INSERT DATE IN-
VENTORS SIGNED
DECLARATION:

for which an application for Letters Patent was executed on _____
(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 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.

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: June 27, 2009

Kosuke Yanagidaira
(Signature of Inventor) Kosuke YANAGIDAIRA

Date: July 9, 2009

Toshihiro Suzuki
(Signature of Inventor) Toshihiro SUZUKI

Date: June 30, 2009

Naoya Tokiwa
(Signature of Inventor) Naoya TOKIWA

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

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10/01