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Takumi ABE
Koichi FUKUDA
Hiroshi MAEJIMA

2. Name and address of receiving party(ies):

Name: KABUSHIKI KAISHA TOSHIBA
Address: 1-1, Shibaura 1-chome, Minato-ku, Tokyo, JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
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Execution Date: February 22, March 2, 2, 2006

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4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application

A. Patent Application No.(s)

11/345,505

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

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Registration Number: 28,870

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PATENT
 REEL: 017851 FRAME: 0119

Assignment of Application

INSERT NAMES
AND RESIDENCE
ADDRESS OF
THE INVENTORS:

WHEREAS, I (WE) Takumi ABE of Yokohama-shi, Kanagawa-ken, Japan;

Koichi FUKUDA of Yokohama-shi, Kanagawa-ken, Japan;

Hiroshi MAEJIMA of Chigasaki-shi, Kanagawa-ken, Japan.

INSERT TITLE OF
INVENTION:

have invented certain new and useful improvements in: NONVOLATILE SEMICONDUCTOR MEMORY HAVING
A PLURALITY OF INTERCONNECT LAYERS

INSERT DATE
INVENTORS SIGNED
DECLARATION:

For which an application for Letters Patent was executed on February 22, 2006, March 2, 2006,
March 2, 2006

(Application No. 11/345,505, filed February 2, 2006), and

INSERT NAME
AND ADDRESS OF
COMPANY OR
OTHER ASSIGNEE:

WHEREAS, KABUSHIKI KAISHA TOSHIBA

(hereinafter referred to as "ASSIGNEE") having places 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.

10/01

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: February 22, 2006

Takumi Abe
(Signature of Inventor) Takumi ABE

Date: March 2, 2006

Koichi Fukuda
(Signature of Inventor) Koichi FUKUDA

Date: March 2, 2006

Hiroshi Maejima
(Signature of Inventor) Hiroshi MAEJIMA

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
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10/01

PATENT

RECORDED: 05/03/2006

REEL: 017851 FRAME: 0121