

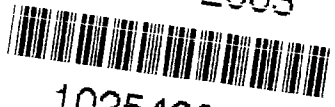
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Attorney Docket No.: 89165.0010

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1. Name of conveying party(ies):

9-203

Hitoshi SHIGA
Naoya TOKIWA

Additional name(s) of conveying party(ies) attached? Yes No

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

Kabushiki Kaisha Toshiba
1-1, Shibaura 1-chome
Minato-ku, Tokyo 105-8001
JAPAN

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: May 19, 2003 by Naoya TOKIWA and May 27, 2003 by Hitoshi SHIGA

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

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 10/461,995 B. Patent No.(s)

Additional numbers attached? Yes No

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

Anthony J. Orler, Esq.
HOGAN & HARTSON L.L.P.
500 South Grand Avenue, Suite 1900
Los Angeles, CA 90071

6. Total number of applications and patents involved: [1]

7. Total fee (37 CFR 3.41) \$40.00

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Date: August 28, 2003

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ASSIGNMENT

(1-8) Name(s) of Inventor(s)	(1) Hitoshi SHiGA	(5)
	(2) Naoya TOKIWA	(6)
	(3)	(7)
	(4)	(8)

In consideration of the good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(9) Name of Assignee	(9) KABUSHIKI KAISHA TOSHIBA
(10) State of Incorporation of Assignee	(10) Tokyo, JAPAN
(11) Address of Assignee	(11) of 1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, JAPAN (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as
(12) Identification of Invention, such as Title, Case Number or Foreign Application Number	(12) NONVOLATILE SEMICONDUCTOR MEMORY DEVICE for which the undersigned has (have) executed an application for patent in the United States of America and all patent applications in foreign countries corresponding thereto or based thereon.
(13) Date(s) of Signing of Declaration	(13) on

- 1) The undersigned agree(s) to execute all papers necessary in connection with any original, reissue, divisional and continuing United States and foreign applications for the above-identified invention and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.
- 2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- 3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
- 5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number:

000026021



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PATENT TRADEMARK OFFICE

the power to insert on this assignment any further identification 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: May 27, 2003 Signature of Inventor 1 Hitoshi Shiga

Date: May 19, 2003 Signature of Inventor 2 Naoya Tokiwa

Date: _____ Signature of Inventor 3 _____

Date: _____ Signature of Inventor 4 _____

Date: _____ Signature of Inventor 5 _____

Date: _____ Signature of Inventor 6 _____