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Minato-ku, Tokyo, JAPAN

3. Nature of conveyance: - ASSIGNMENT -FIFTY (50%) PERCENT

Execution Date(s): August 12, 2003, _____, respectively.

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 as follows:

_____ respectively.	
A. Patent Application No. (s)	B. Patent No.(s)
10/424,670	6, 575,451

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

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6. Total number of applications and patents involved: 2

7. Total fee (37 CFR 3.41): \$ 80.00

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8. To the extent not tendered by check, authorization is given to charge the Assignment Fee (37 CFR.341) to Account No. 06-1378.

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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Dated: September 2, 2003

By: _____

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CERTIFICATE OF MAILING

I hereby certify this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class mail in an envelope addressed to: Mail Stop Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 on the date noted below.

Sharon Portnoy

Dated: September 2, 2003

5/03

Total number of pages including cover sheet, attachments and document: 3

U.S.A.

ASSIGNMENT

TOSHIBA TEC KABUSHIKI KAISHA (referred to hereinafter as the "Assignor"), a Corporation organized under the laws of JAPAN and having a place of business at 1-1, Kanda Nishiki-cho, Chiyoda-ku, Tokyo 101-8442, JAPAN is the owner of U.S. Patent Application Serial No. 10/424,670 and U.S. Patent No. 6,575,451, (referred to hereinafter as "U.S. Patent Application" and "U.S. Patent", respectively), and the inventions described and claimed therein, by virtue of Assignments recorded in the U.S. Patent and Trademark Office; and

KABUSHIKI KAISHA TOSHIBA (referred to hereinafter as the "Assignee"), a Corporation organized under the laws of JAPAN and having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, is desirous of acquiring fifty percent (50%) of Assignor's right, title and interest in and to said inventions and said U.S. Patent Application and U.S. Patent.

For good and valuable consideration, the receipt of which is hereby acknowledged, the Assignor hereby sells, assigns transfers and sets over to said Assignee, its successors, assigns, or other legal representatives, fifty percent (50%) of the Assignor's right, title and interest in and to (i) said U.S. Patent Application and to the inventions as described and claimed therein, and (ii) said U.S. Patent and to the inventions as described and claimed therein, including all reissues and reexaminations, together with all claims for damages by reason of past infringement of said U.S. Patent Application and U.S. Patent, with the right to sue for and collect same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives.

The undersigned is authorized to sign this document on behalf of TOSHIBA TEC KABUSHIKI KAISHA (Assignor).

EXECUTED THIS ^X 12 DAY OF *August*, 2003

By

^X
Toshio Hokimoto
Name: Toshio Hokimoto

Title: Senior Manager, Intellectual
Property Division