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Form PTO-1595 U.S. Department of Commerce RECORDATION FORM COVER SHFFT PATENTS ONLY Patents & Trademark Office 08-12-2003 Attorney Docket Number: 108066-00093 Date: August 1, 2003 the Assistant Commissioner of Patents d the attached original documents or copy thereof 102521764 1. Name of conveying party(ies) 2. Name and address of receiving party(ies): 1. Satoshi TAKAHASHI Name: FUJITSU LIMITED 2. Minoru YAMASHITA Address: 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan Additional name(s) of conveying party(ies) attached? ☐ Yes ⊠ No Additional name(s) & address(es) attached? 3. Nature of conveyance: ☐ Yes ☑ No ☐ Merger Assignment ☐ Change of Name ☐ Security Agreement Other _ Execution Date: June 13, 2003 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: June 13, 2003 B. Patent No.(s) A. Patent Application No.(s) **NEW PATENT APPLICATION** Additional numbers attached?

Yes ☑ No 5. Name and address of party to whom correspondence concerning 6. Total number of applications and patents involved: document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 Name: Arent Fox Kintner Plotkin & Kahn, PLLC Street Address: 1050 Connecticut Avenue, NW, Suite 400 Included in attached check number 363375. Washington, DC 20036-5339 Any additional fees are authorized to be charged to deposit account /04/2003 HMARZII 00000050 10631812 FC:8021 40.00 0 8. Deposit account number: 01-2300 (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature. and correct and any attached copy is a true To the best of my knowledge and belief, the foregoing information is copy of the original document.

Signature

Total number of pages including cover sheet, attachments, and document: 2

Charles M. Marmelstein

Name of Person Signing

Registration Number 25,895

August 1, 2003

Date

Docket No.	

U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

[Insert **FUJITSU LIMITED** ASSIGNEE's 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 Japan Name(s) Address(es)1 (hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled NONVOLATILE MEMORY HAVING A TRAP LAYER Title of Invention] for which application for Letters Patent of the United States was executed on even date herewith unless [*If the assignment otherwise indicated below: is being filed after the filing of the application, this *filed on , Serial No. section must be completed] (Arent Fox Kintner Plotkin & Kahn is hereby authorized to insert the series code, serial number and/or filing date hereon, when known) and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted. The ASSIGNOR agrees to execute all papers necessary in connection with application and any continuing, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient. The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, division, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding. IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s). Satoshi TAKAHASHI [Signature(s) of Assignor(s)] (TYPE NAME) Minoru YAMASHITA (SIGNATURE) (TYPE NAME) (DATE) (TYPE NAME) (DATE) (SIGNATURE)

RECORDED: 08/01/2003

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PATENT REEL: 014356 FRAME: 0548

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