Docket No.: PF-2819/NEC/US/mh 11-15-2001 FORM PTO-1595 (Modified) U.S. DEPARTMENT OF COMMERCE (Rev. 6-93) Patent and Trademark Office OMB No. 0651-0011 (exp.4/94) Copyright 1996-97 LegalStar POSA/REVO2 Tab settings 🔷 🔷 ab settings → → → ▼ ▼ ▼ 101896531 ▼ ▼ ▼ ▼ ▼ ▼ ▼ To the Honorable Commissioner of Ratents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): 11.9.01 Takeshi Okazawa Name: NEC Corporation Address 7-1, Shiba 5-chome, Minato-ku 3. Nature of conveyance: Assignment ☐ Merger City: Tokyo ☐ Security Agreement ☐ Change of Name State/Prov.: Country: JAPAN ZIP: ☐ Other Execution Date: September 5, 2001 ☐ Yes X No Additional name(s) & address(es) attached? 4. Application number(s) or registration numbers(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) Patent Application No. Filing date 09/954,267_ September 18, 2001 Additional numbers attached?

Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: Sean M. McGinn, Esq. 7. Total fee (37 CFR 3.41):....\$ 40.00 Registration No. 34,386 ■ Enclosed - Any excess or insufficiency should be credited or debited to deposit account Address: McGinn & Gibb, PLLC Authorized to be charged to deposit account 8321 Old Courthouse Road, Suite 200 11/14/2001 TDIAZ1 00000013 09954267 8. Deposit account number: 01 FC:581 40.00 DP City: Vienna _ State/Prov.: <u>VA</u> 50-0481 ZIP: 22182-3817 Country: USA DO NOT USE THIS SPACE 9. Statement and signature. 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. November 9, 2001 Sean M. McGinn, Esq. Date Name of Person Signing Total number of pages including cover sheet, attachments, and document:

REEL: 012301 FRAME: 0724

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS Takeshi OKAZAWA OF ASSIGNOR

c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE WITH MAGNETIC MEMORY CELL ARRAY

TITLE OF INVENTION:

WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE

NEC Corporation of 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States Patent obtained therefor on said application or any

(Assignment of Application for Patent - page 1 of 2)

PATENT REEL: 012301 FRAME: 0725 continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

WITNESSES

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 5th day of September, 200 1

SIGNATURE	By: /akon Ganana : Takeshi OKAZAWA
SIGNATURE	By:
SIGNATURE	Ву:

(Assignment of Application for Patent - page 2 of 2)