To the Honorable Commissioner of Patents and Trademarks:

1. Name of conveying party(ies):
   Hiroshi Sugawara

   Additional names(s) of conveying party(ies) □ Yes □ No

2. Name and address of receiving party(ies):
   Name: NEC Corporation
   Address: 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

   City: Tokyo  State/Prov.: Japan  ZIP: 105-0049
   Country: Japan

   Additional name(s) & address(es) □ Yes □ No

3. Nature of conveyance:
   ☑ Assignment  □ Merger
   □ Security Agreement  □ Change of Name
   □ Other

   Execution Date: June 24, 1998

4. Application number(s) or registration numbers(s): 09/110949
   If this document is being filed together with a new application, the execution date of the application is: June 24, 1998

   Patent Application No  Filing date
   (07/16/1998 STHUHTO 00000076 09110949)
   (02 FC:56)

   Additional numbers □ Yes □ No

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: Sean M. McGinn, Esq.
   Registration No: 34,386
   Address: McGinn & Gibb, P.C.
   1701 Clarendon Blvd., Suite 100
   Arlington, VA  22209

   City: Arlington  State/Prov. VA  Country: USA  ZIP: 22209

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) $40.00
   ☑ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
   □ Authorized to be charged to deposit account

8. Deposit account number:
   50-0841

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.

   Omeesha Srivastava
   Name of Person Signing
   Signature
   July 7, 1998
   Date

   Total number of pages including cover sheet, attachments, and
ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

HIROSHI SUGAWARA

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

NAME AND ADDRESS
OF ASSIGNOR

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

SEMICONDUCTOR NON-VOLATILE MEMORY DEVICE HAVING FLOATING GATE TYPE REFERENCE CELL SHORT-CIRCUITTED BETWEEN CONTROL GATE ELECTRODE AND FLOATING GATE ELECTRODE

TITLE OF INVENTION

WHEREAS NEC Corporation

7-1, Shiba 5-chome, Minato-ku,

Tokyo, Japan

FULL NAME AND ADDRESS
OF ASSIGNEE

(thereinafter 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

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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

IN WITNESS WHEREOF, I/we have hereunto set hand and seal this 24th day of June, 1998.

SIGNATURE

By: ________________________________

By: ________________________________

SIGNATURE

By: ________________________________

WITNESSES

By: ________________________________

By: ________________________________

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