

01-15-2003



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COVER SHEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Satoshi NAKAZATO

1-9-03

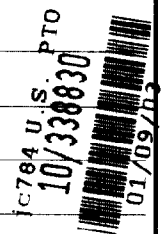
Additional names(s) of conveying party(ies) attached? Yes No

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

Name: **NEC Corporation**
Address: **7-1, Shiba 5-chome, Minato-ku**

City: **Tokyo** State/Prov.:
Country: **JAPAN** ZIP:

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



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

Execution Date: **December 26, 2002**

4. Application number(s) or patent numbers(s):
If this document is being filed together with a new application, the execution date of the application is: **December 26, 2002**

Patent Application No. Filing date
10,338,830

Additional numbers attached? Yes No

B. Patent No.(s)

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

Name: **Sean M. McGinn**
Registration No. **34,386**
Address: **McGinn & Gibb, PLLC**
8321 Old Courthouse Road
Suite 200

City: **Vienna** State/Prov.: **VA**
Country: **USA** ZIP: **22182-3817**

6. Total number of applications and patents involved: **1**

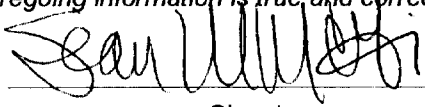
7. Total fee (37 CFR 3.41):.....\$ **40.00**
 Enclosed - Any excess or insufficiency should be credited or debited to deposit account
 Authorized to be charged to deposit account

8. Deposit account number:
50-0481

(Attach duplicate copy of this page if paying by deposit account)

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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.

Sean M. McGinn  **January 9, 2003**
Name of Person Signing Signature Date

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

ASSIGNMENT OF APPLICATION FOR PATENT

特高 2002-003964 US

WHEREAS

NAME AND ADDRESS
OF ASSIGNOR

Satoshi NAKAZATO of Tokyo, Japan

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

TITLE OF INVENTION:

BUFFER USING TWO-PORT MEMORY

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)

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 26 day of December, 2002.

SIGNATURE

By: Satoshi Nakazato 
Satoshi NAKAZATO

SIGNATURE

By: _____

SIGNATURE

By: _____

SIGNATURE

By: _____

SIGNATURE

By: _____

SIGNATURE

By: _____

SIGNATURE

By: _____

WITNESSES

Yutome Furumi
[Signature]

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