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Docket No.: NEG-199 US

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PO8A/REV02



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

101642492

Tab settings

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

1. Name of conveying party(ies):
Katsuyuki Suzuki

3/08/01

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

Name: **NEC Corporation**

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

JCS 978 U.S. PTO
09/800905
03/08/01

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

City: **Tokyo**

State/Prov.: _____

Country: **JAPAN**

ZIP: _____

Execution Date: **March 1, 2001**

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

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: **March 1, 2001**

Patent Application No.

Filing date

B. Patent No.(s)

03/10/2001 JCS978 00000084 07800905
03 21 58

09800905

Additional numbers attached? 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, PLLC**

8321 Old Courthouse Rd.

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

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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, Esq.

March 8, 2001

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: **1**

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS
OF ASSIGNOR

Katsuyuki SUZUKI of Tokyo, Japan

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

TITLE OF INVENTION:

CROSS-BAR SWITCH SYSTEM WITH REDUNDANCY

FULL NAME AND ADDRESS
OF ASSIGNEE

WHEREAS NEC Corporation
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: 011593 FRAME: 0545

Full Name of Sole Joint Inventor, If Any Katsuyuki SUZUKI
Inventor's Signature *Katsuyuki Suzuki*  Date March 1, 2001
Residence Tokyo, Japan
Citizenship Japanese
Post Office Address c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

Full Name of Second Joint Inventor, If Any _____
Inventor's Signature _____ Date _____
Residence _____
Citizenship _____
Post Office Address _____

Full Name of Third Joint Inventor, If Any _____
Inventor's Signature _____ Date _____
Residence _____
Citizenship _____
Post Office Address _____

Full Name of Fourth Joint Inventor, If Any _____
Inventor's Signature _____ Date _____
Residence _____
Citizenship _____
Post Office Address _____

(An additional sheet(s) is/are attached hereto if the present invention includes more than four inventors.)

*Title 37, Code of Federal Regulations, § 1.56:

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith toward the Patent and Trademark Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and (1) it establishes by itself or in combination with other information, a prima facie case of unpatentability; or (2) it refutes, or is inconsistent with, a position the applicant takes in: (i) opposing an argument of unpatentability relied on by the Office, or (ii) asserting an argument of patentability.