

02-02-1999

HEET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



Tab settings

To the Honorable Commissioner of

100955534

the attached original documents or copy thereof

1. Name of conveying party(ies):
Yoshitomo Numaguchi

NRD

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

1-21-99

Name: NEC Corporation

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

10551 U.S. PTO
09/234469
01/21/99

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

City: Tokyo State/Prov

Country: JAPAN ZIP:

Execution Date: January 7, 1999

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

4. Application number(s) or registration numbers(s):

09 / 234,469

If this document is being filed together with a new application, the execution date of the application is: January 7, 1999

Patent Application No. Filing date B. Patent No.(s)

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

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:

50-0481

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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.

Amy M. Propheter

Amy M. Propheter

January 11, 1999

Name of Person Signing

Signature

3

Total number of pages including cover sheet, attachments, and

40.00 DP
09234469
01/29/1999 WILLER
02 FC:561

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

YOSHITOMO NUMAGUCHI
c/o NEC IC Microcomputer Systems, Ltd.,
403-53, Kosugimachi 1-chome, Nakahara-ku,
Kawasaki-shi, Kanagawa, Japan

NAME AND ADDRESS
OF ASSIGNOR

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

TITLE OF INVENTION:

DESIGN METHOD OF ROUTING SIGNAL LINES BETWEEN
CIRCUIT BLOCKS FOR EQUALIZING CHARACTERISTICS
OF CIRCUIT BLOCKS AND SEMICONDUCTOR INTEGRATED
CIRCUIT DEVICE DESIGNED THERE THROUGH

WHEREAS

FULL NAME AND ADDRESS
OF ASSIGNEE

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: 9726 FRAME: 0646

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 7th day of January, 19 99.

SIGNATURE

By: Yoshitomo Numaguchi
YOSHITOMO NUMAGUCHI

SIGNATURE

By: _____

SIGNATURE

By: _____

WITNESSES

Attest

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