

08-10-2001



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To the Hon. Commissioner of Patents & Trademark Office
thereof.

10672 U.S. PTO
09/91759
07/31/01

1. Name of conveying party(ies):

Akihisa TOMITA 7-31-01

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

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

Name:
NEC CORPORATION

Street Address:
7-1 Shiba 5-Chome, Minato-ku
Tokyo 108-01, JAPAN

3. Nature of conveyance:

- Assignment Merger
- Change of Name Other
- Security Agreement

Execution Date: July 12, 2001

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

If this document is being filed together with a new application, the execution date of the application is: July 12, 2001

A. Patent Application No(s).

B. Patent No(s).

Additional numbers attached? Yes No

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

YOUNG & THOMPSON
Second Floor
745 South 23rd Street
Arlington, VA 22202

6. Total number of applications and patents involved:

One

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit Account No. 25-0120

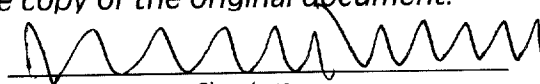
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9. Statement and signature.

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.

Robert J. Patch
Name of Person Signing


Signature

July 31, 2001
Date

Total number of pages including cover sheet: [2]

08/03/2001 ADSMANI 00000009 09917759
02 FC:581 40.00 DP

ASSIGNMENT

WHEREAS, AKIHISA TOMITA of Tokyo, Japan

has invented certain new and useful improvements in QUANTUM CIRCUIT

for which I am about to make application for Letters
(I/we have made—or am/are about to make)

Patent of the United States of America;

AND WHEREAS, NEC Corporation, 7-1, Shiba 5-chome,

Minato-ku, Tokyo, Japan is

desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor from the United States;

NOW THEREFORE, be it known by all whom it may concern, that for and in consideration of

One Dollars (\$ 1.00)

to me in hand paid, the receipt of which is hereby acknowledged the said ASSIGNOR

have assigned, sold, and set over, and by these presents do hereby assign, sell, and set over unto the said

ASSIGNEE, NEC Corporation

* the full and exclusive right, title, and interest in and to the said invention,

as fully set forth and described in the:

Delete
inapplicable
wording

(a) specification prepared and executed by me on the 12th day of July, 2001,

(b) application filed on the _____ day of _____, _____, Serial No. _____,

preparatory to obtaining Letters Patent therefor; said invention, application and Letters Patent to be

held and enjoyed by the said ASSIGNEE, NEC Corporation

for their own use and behoof, and for their legal representatives, to the full end of the term

for which said Letters Patent are granted, as fully and entirely as the same would have been held by

me had this assignment and sale not been made.

IN TESTIMONY WHEREOF, I hereunto set my hand and affix my seal at

Tokyo, Japan this 12th day of July, A.D. 2001.

Akihisa Tomita

(Inventor's full Signature) AKIHISA TOMITA

Witness:

Fumitake Watanabe

[Signature]

* State whether the full and exclusive right, or what part of the whole interest is assigned.

PATENT