

12/10/01



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

1. Name of conveying party(ies):

Hideaki KITAGUCHI

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

3. Nature of conveyance:

- Assignment Merger
- Change of Name Other
- Security Agreement

Execution Date(s): December 3, 2001

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

Name:
NEC Corporation

Street Address:
7-1, Shiba 5-Chome, Minato-Ku
Tokyo, Japan

11000 U.S. PTO
10/006359
12/10/01

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

If this document is being filed together with a new application, the execution date(s) of the application is/are: December 3, 2001

A. Patent Application No(s).

B. Patent No(s).

10/006359

Additional numbers attached? [] Yes [X] No

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

Customer No. 000466
YOUNG & THOMPSON
Second Floor
745 South 23rd Street
Arlington, VA 22202

6. Total number of applications and patents involved:

1

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

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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.

Isiah Avila
Name of Person Signing

Signature

December 10, 2001
Date

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Total number of pages including cover sheet: **[2]**

ASSIGNMENT

WHEREAS, Hideaki KITAGUCHI of Tokyo, Japan

has invented certain new and useful improvements in TELECOMMUNICATION SYSTEM

for which I am about to make application for Letters 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 3rd day of December, 19 2001

(b) application filed on the day of 19, 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 3rd day of December, A.D. 19 2001

Hideaki (Inventor's full Signature) KITAGUCHI

Witness:

Akira Sakuta

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

PATENT

RECORDED: 12/10/2001

REEL: 012360 FRAME: 0717