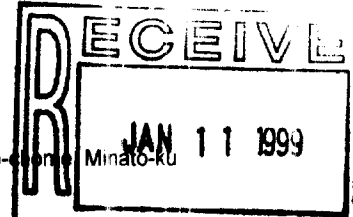


01-13-1999

To the Honorable Commissioner of Patents and Trademarks. Please record.



100942032



1. Name of conveying party(ies): **MRD 1-11-99**
Kazushi TSUJI

Additional names of conveying party(ies) attached?
 yes no

3. Nature of Conveyance
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: June 23, 1998

2. Name of party(ies)
Name: NEC Corporation
Internal Address:
Street Address: 7-1, Shiba 5-chome Minato-Ku
City Tokyo
Country: Japan

Additional name(s) & address(es) attached? yes no

4. Application number(s) or patent number(s):
Title: TRANSMITTER/RECEIVER HAVING AN ANTENNA FAILURE DETECTION SYSTEM

If this document is being filed together with a new application, the execution date of the application is _____

A. Patent Application No(s). 09/104,220 filed June 25, 1998 B. Patent No(s). _____

Additional numbers attached? Yes No

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

Marshall M. Curtis
Whitham Curtis & Whitham
Reston International Center
11800 Sunrise Valley Drive
Suite 900
Reston, Virginia 20191

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00
 Enclosed
 Authorized to be charged to deposit account
 Total fee due
 Any deficiencies in the enclosed fees

8. Deposit account number:
23-1951 (WHITHAM, CURTIS & WHITHAM)

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.

Marshall M. Curtis
Name of Person Signing

Marshall M. Curtis 1/11/99
Signature Date

Total number of pages including cover sheet: 3

01/13/99 DNGUYEN 00000090 09104220

01 FC:581 40.00 DP

ASSIGNMENT OF APPLICATION FOR PATENT

WHEREAS

NAME AND ADDRESS
OF ASSIGNOR(S)

Kazushi TSUJI
c/o NEC Corporation, 7-1, Shiba 5-chome,
Minato-ku, Tokyo, Japan

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

TITLE OF INVENTION:

TRANSMITTER/RECEIVER HAVING AN ANTENNA
FAILURE DETECTION SYSTEM

for which application for Letters Patent of
the United States has been executed on even
date herewith,

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 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 hereby sells, assigns and transfers
to ASSIGNEE the full and exclusive right,

(Assignment of Application for Patent -- page 1 of 2)

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 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

Signed this 23rd day of
June, 1998.

Kazushi Tsuji
Kazushi TSUJI



SIGNATURE

SIGNATURE

Witness:

Akira Fujinami

[Signature]

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