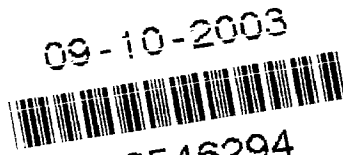


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102546294

To the Honorable Commissioner of Patents:

Please record the attached original documents or copy thereof.

1. Name of Conveying Party(ies):
Kazuhiro ISHIDA

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

2. Name and address of receiving party(ies)
 Name: **NEC Corporation**
 Address: **7-1, Shiba 5-chome
 Minato-ku
 Tokyo
 Japan**

22141 U.S. PTO
 10/653358
 09/03/03

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other: _____
 Execution Date: **August 26, 2003**

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

4. Application number(s) or patent number(s):
 This document is being filed with a new application, the execution date of the application is: **August 26, 2003**

A. Patent Application No(s).
10/653358

B. Patent No(s).

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Customer No.: 00466
YOUNG & THOMPSON
Second Floor
745 South 23rd Street
Arlington, VA 22202
Phone: 703-521-2297

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

8. Deposit Account No. **25-0120**
 (Attach duplicate copy of this page if paying by deposit account)

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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.

Yolanda Reynolds **August 28, 2003**
 Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: **2**

Attorney Docket No. _____

ASSIGNMENT

WHEREAS,

Kazuhiro ISHIDA of Tokyo, Japan

hereafter referred to as "applicant(s)", have invented certain new and useful improvements in TF-determination apparatus, and TF-determination method as well as program to be executed for implementing the TF-determination method

- (a) for which an application for a United States patent was filed on _____, Application No. _____
- (b) for which an application for a United States patent was executed on August 26, 2003

WHEREAS, NEC Corporation

whose address is 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

hereinafter referred to as "assignee(s)", is desirous of acquiring the entire right, title and interest in and to the same,

NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00), the receipt whereof is acknowledged, and other good and valuable consideration, applicant(s), by these presents, do(es) hereby sell, assign and transfer unto said assignee(s) the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to any and all patents which may be granted therefore in the United States, for its sole use and behoof, and for the use and behoof of its legal representatives, to the full end of the term for which said patents may be granted, as fully and entirely as the same would have been held by applicant(s) had this assignment and sale not been made.

Applicant(s) hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue said United States patents to said assignee(s).

Date August 26, 2003

Kazuhiro Ishida 
(signature) Kazuhiro ISHIDA

Date _____

(signature) _____

Date _____

(signature) _____

Date August 26, 2003

(Witness) Takayuki Arai

Date August 26, 2003

(Witness) [Signature]