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FD-379 (Rev. 8-93)

MRO

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HEET

U.S. DEPARTMENT OF COMMERCE
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OMB No. 0651-0011 (exp. 4/94)

100971507

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

1. Name of conveying party(les):

Yoshimi SHIRAMIZU

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: Jan. 27, 1999

2. Name and address of receiving party(les)

Name: NEC CORPORATION

Internal Address: _____

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

City: Tokyo State: _____ ZIP: _____
Country: Japan

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

REC'D U.S. PTO
09/24/99
02/03/99

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

If this document is being filed together with a new application, the execution date of the application is: Jan. 27, 1999

A. Patent Application No.(s)

09/243853

B. Patent No.(s)

Additional numbers attached? Yes No

DOCKET NO.: NECA15.838

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

Name: HELFGOTT & KARAS, P.C.

Internal Address: EMPIRE STATE BUILDING
60TH FLOOR

Street Address: 350 5TH AVENUE

City: New York State: N.Y. ZIP: 10118

Tel. No.: (212) 643-5000

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
(for any excess due)

8. Deposit account number:

08-1634

(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.

Aaron B. Karas

Name of Person Signing

Reg. No.: 18,923

Signature

2/3/99

Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

02/16/1999 STORWTO 00000013 09243853

02 FC:581

40.00 DP

PATENT
REEL: 9769 FRAME: 0159

UNITED STATES

ASSIGNMENT

Docket No. NECA15.838

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in : METHOD OF ANALYZING SUBSTANCES EXISTING IN GAS

for which

- (check one) an application is being filed concurrently herewith,
- an application for a Patent of the United States was filed on _____
- and given Application Serial No. _____

and WHEREAS, NEC Corporation having a place of business at 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan


is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application: _____, ASSIGNEE

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of sole or first inventor YOSHIMI SHIRAMIZU
 Inventor's signature *Yoshimi Shiramizu*  Date January 27, 1999
 Residence Tokyo, Japan Citizenship Japanese
 Post Office Address c/o NEC Corporation, 7-1, Shiba 5-chome, Minato-ku, Tokyo, Japan

Witness:

Atsuo Kusano
Atsuo Kusano