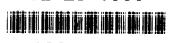
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U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office 100971507 Tab settings ⇔ ⇔ ⇔ To the Honorable Commissioner of Petents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(les): 2. Name and address of receiving party(les) Yoshimi SHIRAMIZU Name: NEC CORPORATION Internal Address:__ Additional name(s) of conveying party(les) attached? Li Yes & No 3. Nature of conveyance: M Assignment Street Address: 7-1, Shiba 5-chome, ☐ Merger Minato-ku, ☐ Security Agreement Change of Name City: Tokyo State: U Other Country: Japan Jan. 27, 1999 Execution Date: Additional name(s) & address(as) attached? Li Yes 29 No. 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: <u>Jan. 27</u>, 1999 A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? U. Yes of No. DOCKET NO .: NECA15.838 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: Name: HELFGOTT & KARAS, P.C. 7. Total fee (37 CFR 3.41).....\$ 40.00 Internal Address: EMPIRE STATE BUILDING Enclosed 60TH FLOOR Authorized to be charged to deposit account (for any excess due) Street Address: 350 5TH AVENUE 8. Deposit account number: 08-1634 Cllv: New York ___ State: N.Y. ZIP; 10118 (Attach duplicate copy of this page if paying by deposit account) Tel. No.: (212) 643-5000 DO NOT USE THIS SPACE Statement and signature. To the best of my knowledge and belief, the foregoing information is true and porper and any attached copy is a true copy of the original document.

> Mall documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

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Req. No.:

Aaron B. Karas

Name of Person Signing

18,923

02 FC:581

PATENT REEL: 9769 FRAME: 0159

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Dale

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) K) 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
, ASSIGNEE is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:
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
Full name of sole or first inventor YOSHIMI SHIRAMIZU Inventor's signature Yoshimo Africanique Date January 27, 1999
Inventor's signature Yorking Aftirangue 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:
-16 Changes

PATENT REEL: 9769 FRAME: 0160

RECORDED: 02/03/1999