FORM PTO-1595 04-03-2000 OMB No. 0651-0011 (exp. 4/94) 3 · 20 0 U.S. DEPARTMENT OF COMMERCE SHEET Patent and Trademark Office 101304506 To the Honorable Commissioner of F. attached original documents or copy thereof. Name and address of receiving party(ies) 1. Name of conveying party(ies): Name: SECRETARY OF AGENCY OF Ryuichi NAGANAWA, Kazutoshi NODA, Hiroaki TAO and Mamoru TOMINAGA INDUSTRIAL SCIENCE AND Internal Address: TECHNOLOGY Additional name(s) of conveying party(ies) attached? \square Yes X No 3. Nature of conveyance: Street Address: 3-1, Kasumigaseki 1-chome Assignment □ Merger Chiyoda-ku, Tokyo, JAPAN ☐ Security Agreement ☐ Change of Name City:_____ State: ____ ZIP:____ ☐ Other Execution Date: March 9, 2000 Additional name(s) & address(es) attached?

Yes

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: $\frac{3/9/2000}{}$ A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 40.00 George A. Loud 7. Total fee (37 CFR 3.41).....\$ Internal Address: XX Enclosed Authorized to be charged to deposit account Street Address: LORUSSO & LOUD 8. Deposit account number: 3137 Mt. <u>Vernon Avenue</u> City: Alexandria State: VA ZIP: 22305 (Attach duplicate copy of this page if paying by deposit account) /C>/EVVV BALEXAND (0.000004-08281470 DO NOT USE THIS SPACE F0:561 Statement and signature. To the best of my knowledge and belief, the foregoing internation is true and correct and any attached copy is a true copy of

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

the original document.

George A. Loud Name of Person Signing 20 March 2000

Date

Assignment

WHE	EREAS: The ASSIGNO	R,	comprising the following named inventor(s
1.	Ryuichi NAGANAWA	of	4-203-101, Azuma, Tsukuba-shi, Ibaraki-ken, Japan
2.	Kazutoshi NODA	of	4-108-202, Azuma, Tsukuba-shi, Ibaraki-ken, Japan
3.	Hiroaki TAO	of	4-13-5, Azuma, Tsukuba-shi, Ibaraki-ken, Japan
4.	Mamoru TOMINAGA	of	450-79, Shimohirooka, Tsukuba-shi, Ibaraki-ken, Japan

has invented and owns a certain invention entitled:

METHOD OF ANALYZING CONCENTRATION OF TARGET SUBSTANCE USING QUARTZ OSCILLATOR AND DEVICE THEREFOR

for which application for Letters Patent of the United States was executed on even date herewith, and

WHEREAS, the ASSIGNEE

SECRETARY OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY of 3-1, Kasumigaseki 1-chome, Chiyoda-ku, Tokyo, Japan

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 by ASSIGNEE to ASSIGNOR of the sum corresponding to 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, 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.

IN WITNESS WHEREOF, the undersigned inventors have hereunto set hand and seal this 9th day of March , 2000.

1. Pryvichi Razanama

2. Anguttoshi Proda

3. Hiroaki Tut

4. Mamora Tominager