

01-19-2010



103586535

To the Director of the U.S. Patent and

Documents or the new address(es) below.

1. Name of conveying party(ies)

Norimitsu SANBONGI, Toshimitsu MOROOKA, Keitaro KOROISHI, Noriyoshi SHOJI and Yoshinori SATO

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

2. Name and address of receiving party(ies)

Name: SEIKO INSTRUMENTS INC.

Internal Address: _____

Street Address: 8, NAKASE 1-CHOME, MIHAMA-KU

City: CHIBA-SHI, CHIBA

State: _____

Country: JAPAN Zip: 261-8507

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) NOVEMBER 13, 2009

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

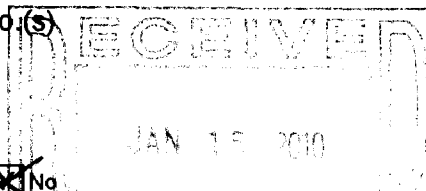
4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

(12/589,594)

B. Patent No.(s)



Additional numbers attached? Yes No

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

Name: ADAMS & WILKS

Internal Address: _____

Street Address: 17 BATTERY PLACE

SUITE 1231

City: NEW YORK

State: NEW YORK Zip: 10004

Phone Number: 212-809-3700

Fax Number: 212-809-3704

Email Address: _____

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account -- any deficiency in enclosed fee
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 01-0268

Authorized User Name BRUCE L ADAMS

01 FC 8821 40.00

JAN. 12, 2010

Date

9. Signature:

Signature

BRUCE L. ADAMS

Name of Person Signing

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

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, we, Norimitsu SANBONGI, Toshimitsu MOROOKA, Keitaro KOROISHI, Noriyoshi SHOJI and Yoshinori SATO, each residing at c/o SEIKO INSTRUMENTS INC., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, Japan, have invented new and useful improvements in HEATING RESISTOR ELEMENT COMPONENT, for which we have prepared an application for Letters Patent of the United States of America;

AND WHEREAS, SEIKO INSTRUMENTS INC., a Japanese corporation located and doing business at 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507, Japan, is desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor;

NOW, THEREFORE, be it known by all whom it may concern, that for and in consideration of Ten Dollars (\$10.00) and other good and valuable consideration to us in hand paid, the receipt of which is hereby acknowledged, we have assigned, sold and transferred and by these presents do hereby assign, sell and transfer unto the said SEIKO INSTRUMENTS INC. for the territory of the United States of America, our entire right, title and interest in and to the said invention, and in and to the said application, prepared and executed by us on Nov. 5, 2009; Nov. 9, 2009; Nov. 9, 2009; Nov. 5, 2009 & Nov. 5, 2009, respectively, filed October 26, 2009, Application No. 12/ 589,594, preparatory to obtaining Letters Patent thereon and in and to any and all divisions, reissues and continuations thereof, and in and to any Letters Patent that may be granted thereon; said

invention, application and Letters Patent to be held and enjoyed by the said SEIKO INSTRUMENTS INC., its legal representatives and assigns, as fully and entirely as the same would have been held by us had this assignment, sale and transfer not been made.

AND, we hereby covenant and agree that we will at any time upon the request and at the expense of said assignee execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention and to obtain Letters Patent therefor, and we hereby authorize and request the Honorable Commissioner of Patents and Trademarks to issue the said Letters Patent to the said SEIKO INSTRUMENTS INC. in accordance with this assignment.

Executed this 13th day of November, 2009.

Witness:

Omina Jinbo

Norimitsu Sanbongi (L.S.)
Norimitsu SANBONGI

Toshimitsu Morooka
Norimitsu Sanbongi Nov. 5-29
Norimitsu Sanbongi (L.S.)
Toshimitsu MOROOKA

Keitaro Koroishi (L.S.)
Keitaro KOROISHI

Noriyoshi Shoji (L.S.)
Noriyoshi SHOJI

Yoshinori Sato (L.S.)
Yoshinori SATO