

11-10-2004

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To the Director of the U.S. Patent and

Trademark Office documents or the new address(es) below.

11-8-04

1. Name of conveying party(ies)/Execution Date(s):

Yasuyuki MITSUOKA, Hidetaka MAEDA,
Norio CHIBA, Takashi NIWA,
Yoko SHINOHARA, Kenji KATO,
Susumu ICHIHARA, and Norihiro DEJIMA

Execution Date(s) OCTOBER 7, 2004

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:

- Assignment Merger
- Security Agreement Change of Name
- 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)

10/294,833

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Bruce L. Adams Esq.

Internal Address: _____

Street Address: Adams & Wilks

50 Broadway - 31st Floor

City: New York

State: NY 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 ---
- Enclosed ANY DEFICIENCY IN ENCLOSED FEE
- 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 Adams & Wilks

9. Signature:

Bruce L. Adams
Signature

November 5, 2004
Date

Bruce L. Adams
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

11/09/2004 REGISTRATION SERVICES, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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MAILING CERTIFICATE ON
REVERSE SIDE OF PAGE

PATENT
REEL: 015961 FRAME: 0380

ASSIGNMENT

WHEREAS, we, Yasuyuki MITSUOKA , Hidetaka MAEDA, Norio CHIBA, Takashi NIWA, Yoko SHINOHARA, Kenji KATO, Susumu ICHIHARA and Norihiro DEJIMA residing at c/o Seiko Instruments Inc., 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, Japan have invented new and useful improvements in OPTICAL SWITCH AND MANUFACTURING METHOD
THEREOF

for which we have prepared an application for Letters Patent of the United States of America;

AND WHEREAS, Seiko Instruments Inc., located and doing business at 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba, 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 JANUARY 31, 2003, filed NOVEMBER 14, 2002, Serial No. 10/294,833, 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 7th day of October, 2004 at

_____.

Witness:

Masaki Hori
Masaki Hori

Yasuyuki Mitsuoka (L.S.)
Yasuyuki MITSUOKA

Hidetaka Maeda (L.S.)
Hidetaka MAEDA

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