

05-14-2007

Client/Matter No. 11106/57

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To the Director of the U.S. Patent and Trademark Office

Documents or the new address(es) below:

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

HIDEO YOSHINO / APRIL 20, 2007
 HISASHI HASEGAWA / APRIL 20, 2007

5-7-07

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and Address of receiving Party(ies):

Name: Seiko Instruments Inc.
 Street Address: 8, Nakase 1-chome, Mihama-ku
 City/Prefecture: Chiba-shi, Chiba
 Country/Zip: Japan 261-8507

Additional name(s) and addresses attached? ☐ Yes ☒ No

3. Nature of Conveyance:

Execution Date(s): April 20, 2007

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

4. Application or patent number(s).

☐ This document is being filed together with a new application.

A. Patent Application No.(s)
 11/703,258

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

BRINKS HOFER GILSON & LIONE
 P.O. BOX 10395
 CHICAGO, IL 60610
 (312) 321-4200
 (312) 321-4299 Fax

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 No. 23-1925.
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information:

- a. ☐ Credit Card: Last 4 Numbers
 Expiration Date
 b. ☒ Charge fee and/or any Deficiencies to Deposit
 Account Number: 23-1925
 Authorized User Name: Brinks Hofer Gilson & Lione

9. Signature:

Tadashi Horie
 Signature

May 2, 2007

Date

Tadashi Horie Reg. No. 40,437

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 (571) 273-0140, or mailed to:
 Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

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PATENT
 REEL: 019303 FRAME: 0857

ASSIGNMENT

WHEREAS, Hideo YOSHINO and Hisashi HASEGAWA, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURING THE SAME, for a full description of which reference is here made to an application for Letters Patent of the United States filed on February 7, 2007 and assigned Application Serial No. 11/703,258;

WHEREAS, Seiko Instruments Inc., a corporation organized and existing under the laws of Japan, having a place of business at 8, Nakase 1-chome, Mihama-ku, Chiba-shi, Chiba 261-8507 Japan, hereinafter called the "Assignees", desire to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignees is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignees, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignees, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignees in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignees may elect to make covering the invention identified above; in vesting in the Assignees like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or

any such patent application or patent; and that the Assignors will execute and deliver to the Assignees any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignees in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATE: 2007/4/20 Hideo Yoshino
Hideo YOSHINO

WITNESSED:

DATE: _____ Muneki I.L.

DATE: _____

DATE: 2007/4/20 Hisashi Hasegawa
Hisashi HASEGAWA

WITNESSED:

DATE: _____ Muneki I.L.

DATE: _____