

P34815

10-16-2008

FORM PTO-1595

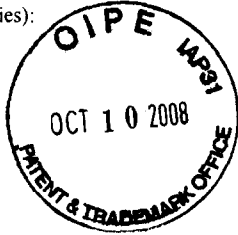
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

To the Honorable Director of I

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nal documents or copy thereof.

1. Name of Conveying party(ies):

Hiroshi KISHI
Minoru KANDA

2. Name and address of receiving party(ies)

Name: JAPAN SUPER QUARTZ CORPORATION

Internal Address:

Street Address: 5-14-3, Barajima, Akita-shi, Akita-ken, Japan

City: State: ZIP:

Additional names(s) and address(es) attached? ☒ Yes ☐ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: September 8, and 8, 2008

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:

A. Patent Application No.(s)

12/169,828

B. Patent No.(s)

Additional numbers attached: ☐ Yes ☒ No

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

Name: Bruce H. Bernstein

Internal Address: P34815

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1950 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37CFR 3.41) \$40.00

☒ Enclosed☐ Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Bruce H. Bernstein, Reg. No. 29,027

Name of Person Signing

Stephen M. Roylance

Reg. No. 31,296

Signature

10/10/08

Date

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:
 Director of the United States Patent and Trademark Office, Mail Stop Assignments Recordation Services
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PATENT
 REEL: 021693 FRAME: 0898

LISTING OF ADDITIONAL RECEIVING PARTIES

Name : SUMCO CORPORATION

Street address : 2-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

{P34815 00548321.DOC}

ASSIGNMENT

WHEREAS, (1) Hiroshi KISHI; and (2) Minoru KANDA, a citizen of Japan, whose post office address is c/o JAPAN SUPER QUARTZ CORPORATION, 5-14-3, Barajima, Akita-shi, Akita-ken, Japan, hereinafter referred to as the ASSIGNORS, have invented a certain improvement relating to
SILICA GLASS CRUCIBLE AND METHOD FOR PULLING UP SILICON SINGLE CRYSTAL USING THE SAME

for which they have jointly executed, on the same date as this assignment, an application for Letters Patent of the United States to be filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, James L. Rowland, Reg. No. 32,674, Stephen M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043, Andrew M. Calderon, Reg. No. 38,093, William E. Lyddane, Reg. No. 41,568 and William S. Boshnick, Reg. No. 44,550, of the firm Greenblum & Bernstein, P.L.C., whose address is 1950 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. 12/169,828, filed July 9, 2008) the filing date and application number of said application when known.

AND WHEREAS, (1) JAPAN SUPER QUARTZ CORPORATION; and (2) SUMCO CORPORATION, a corporation organized and existing under the laws of the State of Japan, whose post-office address is (1) 5-14-3, Barajima, Akita-shi, Akita-ken, Japan; and (2) 2-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNORS hereby assign, sell and transfer to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor and all rights to sue for past and future infringement thereunder, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNORS might or could have held and enjoyed the same, if this assignment had not been made.

{FORMS WP 00022857.DOC}

AND said ASSIGNORS hereby agree to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNORS authorize and request the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by Hiroshi KISHI, this 8th day of September 2008, at c/o JAPAN SUPER QUARTZ CORPORATION, 5-14-3, Barajima, Akita-shi, Akita-ken, Japan .

First Witness:

(Name)

(Date)

Hiroshi Kishi
Hiroshi KISHI

Second Witness:

(Name)

(Date)

{FORMSWP 00022857.DOC}

IN TESTIMONY WHEREOF, this assignment is executed by Minoru KANDA, this 8th
day of September 2008, at c/o JAPAN SUPER QUARTZ CORPORATION,
5-14-3, Barajima, Akita-shi, Akita-ken, Japan.

First Witness:

(Name)

(Date)

Minoru Kanda

Minoru KANDA

Second Witness:

(Name)

(Date)

{FORMSWP 00022857.DOC}