



10-06-2005

Form PTO-1595 (Rev. (09/04))
OMB No. 0651-0027 (exp. 6/30/2005)DEPARTMENT OF COMMERCE
Patent and Trademark Office

RECORDATIC

PATENT IS ONLY 103095298

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

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

NORIHITO FUKATSU
KAZUYUKI EGASHIRA
SENRI FUExecution Date(s) September 1, 2005 (all assignors)Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

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

2. Name and address of receiving party(ies)

Name: SUMCO CORPORATION

Internal Address: _____

Street Address: 2-1, Shibaura 1-chome, Minato-kuCity: Tokyo

State: _____

Country: Japan Zip: _____Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

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

A. Patent Application No.(s)

11/131,333

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: PILLSBURY WINTHROP SHAW PITTMAN LLPInternal Address: P.O. Box 10500Street Address: 1600 Tysons BoulevardCity: McLeanState: VA Zip: 22102Phone Number: (703) 905-2000Fax Number: (703) 905-2500Email Address: jeffrey.karceski@pillsburylaw.com6. Total number of applications and patents involved: 17. 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
☐ None required (government interest not affecting title)

8. Payment Information

061063-0316132

a. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 033975

Authorized User Name _____

9. Signature:

Signature

September 28, 2005

Date

Jeffrey D. Karceski, Reg. No. 35914
Name of Person SigningTotal number of pages including cover
sheet, attachments, and documents: 2Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

10/03/2005 ECOOPER 00000416 033975 11131333

01 FC:8021

40.00 DA

PATENT
REEL: 017096 FRAME: 0988

Please return signed/recorded to:

Pillsbury Winthrop LLP
Intellectual Property Group
P.O. Box 10500
McKean, VA 22102

USA Patent Appln.
Sole or Joint

For Inventions made outside USA
executed with or after application

Atty. Dkt. P

M#

Client Ref.

NONPROVISIONAL

ASSIGNMENT
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT
NAME(S) OF
INVENTOR(S)

(1) Norihito FUKATSU	(2) Kazuyuki EGASHIRA
(3) Senrin FU	(4)
(5)	<input type="checkbox"/> x box if continued on page 2

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT
NAME(S) OF
ASSIGNEE(S)
& ADDRESS(ES)

SUMCO CORPORATION

of 2-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

APPARATUS AND METHOD FOR PRODUCING SINGLE CRYSTAL,
AND SILICON SINGLE CRYSTAL

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →

(Complete

line A, B and/or C)

(A) ☐ even date herewith

(B) ☐ on

(C) ☒ in U.S. Appln. No. 11 / 131,333 filed May 18, 2005

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree(s) to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Winthrop LLP of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTORS

1) Norihito Fukatsu
Name: Norihito FUKATSU
2) Kazuyuki Egashira
Name: Kazuyuki EGASHIRA
3) Senrin FU
Name: Senrin FU
4) Name: _____
Name: _____
5) Name: _____
Name: _____

DATE SIGNED

September 1, 2005

WITNESSES

September 1, 2005

September 1, 2005