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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)Toshiaki Ono, Wataru Sugimura, Takayuki Kubo,
Akira Higuchi, Ken NakajimaAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) July 10, 2006

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ 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-chomeCity: Minato-kuState: TokyoCountry: 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)

B. Patent No.(s)

07/17/2006 KBETEMAI 00000022 11486508

04 FC:8021

40.00 OF

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Anton E. SkaugsetInternal Address: Kolisch Hartwell, P.C.Street Address: 520 S.W. Yamhill Street, Suite 200City: PortlandState: Oregon Zip: 97204Phone Number: (503) 224-6655Fax Number: (503) 295-6679Email Address: anton@khpatent.com**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
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☐ None required (government interest not affecting title)

8. Payment Informationa. Credit Card Last 4 Numbers _____
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Authorized User Name _____**9. Signature:**Anton E. Skaugset
Signature

July 14, 2006

Date

Anton E. Skaugset

Name of Person Signing

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

4

U.S. Pat. No. 3,842,000
011-28442

ASSIGNMENT

WHEREAS, we, (1)**Toshiaki ONO**, (2)**Wataru SUGIMURA**, (3) **Takayuki KUBO**,
(4)**Akira HIGUCHI** and (5) **Ken NAKAJIMA** of (1)to(5) c/o **SUMCO CORPORATION**,
2-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, respectively have invented certain
improvements in PROCESS FOR PRODUCING SILICON SINGLE CRYSTAL
, for which we have executed an application for Letters Patent of the United States on the
date we executed this Assignment as hereinafter set forth.

WHEREAS, **SUMCO CORPORATION**, a Japanese corporation, having its
principal place of business in **Tokyo**, Japan, is desirous of acquiring an interest therein:

NOW, THEREFORE, for other good and valuable consideration, we the said
Toshiaki ONO, **Wataru SUGIMURA**, **Takayuki KUBO**, **Akira HIGUCHI** **Ken**
NAKAJIMA have sold, assigned, and transferred, and by these presents do sell, assign, and
transfer unto the said **SUMCO CORPORATION**, the full and exclusive right to the said
invention in the United States and its territorial possessions and in all foreign countries and
the entire right, title and interest in and to any and all Letters Patent which may be granted
therefor in the United States and its territorial possessions in any and all foreign countries
and in and to any and all divisions, reissues, continuations and extensions thereof.

We hereby authorize and request the Patent Office officials in the United
States and any and all foreign countries to issue any and all of said Letters Patent, when
granted, to the said **SUMCO CORPORATION**, as the assignee of our entire right, title and
interest in and to the same, for the sole use of the said , its successors and assigns.

Further, we agree that we will communicate to the said **SUMCO**

CORPORATION, or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to the said **SUMCO CORPORATION** make all rightful oaths and generally do everything possible to aid the said **SUMCO CORPORATION**, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 10th day of July, 2006

Toshiaki Ono
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Witness:

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