

GERALD T. SHEKLETON COMPANY:120 S. RIVERSIDE PLAZA, 22ND FLOOR

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Assignee previously recorded on Reel 020748 Frame 0200. Assignor(s) hereby confirms the correct Assignee is SUMCO TECHXIV CORPORATION.										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Makoto Kamogawa</td><td>07/25/2008</td></tr><tr><td>Koichi Shimomura</td><td>07/25/2008</td></tr><tr><td>Yoshiyuki Suzuki</td><td>07/25/2008</td></tr><tr><td>Daisuke Ebi</td><td>07/25/2008</td></tr></tbody></table>		Name	Execution Date	Makoto Kamogawa	07/25/2008	Koichi Shimomura	07/25/2008	Yoshiyuki Suzuki	07/25/2008	Daisuke Ebi	07/25/2008
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Daisuke Ebi	07/25/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>SUMCO TECHXIV CORPORATION</td></tr><tr><td>Street Address:</td><td>1324-2, Masuragahara-machi, Omura-shi</td></tr><tr><td>City:</td><td>Nagasaki</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>856-8555</td></tr></table>		Name:	SUMCO TECHXIV CORPORATION	Street Address:	1324-2, Masuragahara-machi, Omura-shi	City:	Nagasaki	State/Country:	JAPAN	Postal Code:	856-8555
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11992278</td></tr></tbody></table>		Property Type	Number	Application Number:	11992278						
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Application Number:	11992278										
CORRESPONDENCE DATA											
Fax Number: (312)655-1501 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone: 312-655-1500											
Email: gtsdocket@welshkatz.com											
Correspondent Name: Gerald T. Shekleton											
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ATTORNEY DOCKET NUMBER:	1110-105630										
NAME OF SUBMITTER:	Gerald T. Shekleton										

CH \$40.00 11992278

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Total Attachments: 2

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OMB No. 0651-0027 (exp. 6/30/21)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

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SHEET
PCT/PTO 18 MAR 2008

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)KAMOGAWA, Makato
SHIMOMURA, Koichi
SUZUKI, Yoshiyuki
EBI, DaisukeAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 3 March 2008

- ☒ 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 TECHXIV KABUSHIKI KAISHA

Internal Address: _____

Street Address: 25-1, Shinomiya 3-chome

City: Hiratsuka-shi

State: Kanagawa

Country: Japan Zip: 254-0014

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)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Gerald T. Shekleton

Internal Address: 22nd Floor

Street Address: 120 S. Riverside Plaza

City: Chicago

State: Illinois Zip: 60606-3912

Phone Number: 312-526-1500

Fax Number: 312-526-1501

Email Address: gtsdocket@welshkatz.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
☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number _____
Authorized User Name _____**9. Signature:**

Signature

18 March 2008

Date

Gerald T. Shekleton

Name of Person Signing

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

2

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, V.A. 22313-1450

GERALD T. SHEKLETON COMPANY:120 S. RIVERSIDE PLAZA, 22ND FLOOR

ASSIGNMENT

This assignment completes and supersedes the assignment recorded March 18, 2008 which erroneously assigned the below application to SUMCO TECHXIV KABUSHIKI KAISHA at Reel 020748 and Frame 0200 which should have been SUMCO TECHXIV CORPORATION and whereas Assignors wishes to correct the error.

WHEREAS, the below named inventors, (ASSIGNORS), have made a certain new and useful invention in:

Title: SINGLE CRYSTAL SILICON PULLING DEVICE, METHOD FOR PREVENTING CONTAMINATION OF SILICON MELT, AND DEVICE FOR PREVENTING CONTAMINATION OF SILICON MELT

And WHEREAS, SUMCO TECHXIV CORPORATION, a corporation organized having a place of business at 1324-2, Masuragahara-machi, Omura-shi, Nagasaki, Japan 856-8555., (ASSIGNEE), is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all the divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof, and all applications for industrial property protection, including, without limitation, all applications for patents, utility models and design which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such application under the patent laws of the United States, the International Convention for the Protection of Industrial Property, or any other International agreement or the domestic laws of the country in which any such application is filed, as may be applicable, and all forms of industrial property protections, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

ASSIGNORS authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to the issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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AND ASSIGNORS covenant and agree that they have full right to convey the entire interest herein assigned, and have not executed, and will not execute, and agreement in conflict herewith.

AND ASSIGNORS further covenant and agree that they will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full Name of first inventor: Makoto Kamogawa

Investor's Signature Makoto Kamogawa Date: July 25, 2008

Residence: Nagasaki, Japan

Citizenship: Japan

Post Office address: 1324-2, Masuragahara-machi, Omura-shi, Nagasaki, Japan 856-8555

Full Name of second joint inventor: Koichi Shimomura

Investor's signature Koichi Shimomura Date: July 25, 2008

Residence: Nagasaki, Japan

Citizenship: Japan

Post Office address: 1324-2, Masuragahara-machi, Omura-shi, Nagasaki, Japan 856-8555

Full Name of third joint inventor: Yoshiyuki Suzuki

Investor's signature Yoshiyuki Suzuki Date: July 25, 2008

Residence: Nagasaki, Japan

Citizenship: Japan

Post Office address: 1324-2, Masuragahara-machi, Omura-shi, Nagasaki, Japan 856-8555

Full Name of fourth joint inventor: Daisuke Ebi

Investor's signature Daisuke Ebi Date: July 25, 2008

Residence: Nagasaki, Japan

Citizenship: Japan

Post Office address: 1324-2, Masuragahara-machi, Omura-shi, Nagasaki, Japan 856-8555

PATENT

RECORDED: 08/01/2008

REEL: 021352 FRAME: 0104