

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Katsunori Nakashima</td> <td>09/01/2005</td> </tr> <tr> <td>Koji Toma</td> <td>09/05/2005</td> </tr> <tr> <td>Manabu Moroishi</td> <td>09/01/2005</td> </tr> </tbody> </table>		Name	Execution Date	Katsunori Nakashima	09/01/2005	Koji Toma	09/05/2005	Manabu Moroishi	09/01/2005
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Katsunori Nakashima	09/01/2005								
Koji Toma	09/05/2005								
Manabu Moroishi	09/01/2005								
RECEIVING PARTY DATA									
Name:	SUMCO CORPORATION								
Street Address:	2-1, Shibaura 1-chome								
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State/Country:	JAPAN								
Postal Code:	105-8634								
PROPERTY NUMBERS Total: 1									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11229712</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11229712				
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Application Number:	11229712								
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Total Attachments: 1 source=12054-47 Assignment#page1.tif									

OP \$40.00 11229712

PATENT

500057677

REEL: 016699 FRAME: 0993

ASSIGNMENT

This is an Assignment of the following rights, title and interest:

United States of America rights, title and interest in the invention

Foreign rights, title and interest in the invention

International Application No. _____

Date of Filing: _____

United States Patent Application Serial No. _____

Date of Filing: _____

Title of the Invention: APPARATUS AND METHOD FOR SUPPLYING RAW MATERIAL IN CZOCHRALSKI METHOD.

Inventors (assignors): Katsunori NAKASHIMA, Koji TOMA and Manabu MOROISHI

Assignee: SUMCO CORPORATION
2-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8634 Japan

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said applications(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States, unto said Assignee.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Katsunori Nakashima
Signature: Katsunori NAKASHIMA

September 1, 2005
Date

Koji Toma
Signature: Koji TOMA

September 5, 2005
Date

Manabu moroishi
Signature: Manabu MOROISHI

September 1, 2005
Date

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