

06-16-2003

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6-6-03

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To the Honorable Commissioner of Pat.

102473832

attached original documents or copy thereof.

1. Name of conveying party(ies):

TOSHIAKI ONO  
TADAMI TANAKA  
SHIGERU UMENO  
EIICHI ASAYAMA

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2. Name and address of receiving party(ies):

Name: Sumitomo Mitsubishi Silicon Corporation

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City: Tokyo

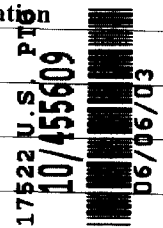
State/Prov.: \_\_\_\_\_

Country: Japan

ZIP: 105-8634

Additional name(s) & address(es)

Yes  No



3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: April 15 & 16, 2003

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: April 15 & 16, 2003

Patent Application No. \_\_\_\_\_ Filing date \_\_\_\_\_

B. Patent No.(s)

10455609

Additional numbers

Yes  No

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

Name: Christopher W. Brody

Registration No. 33,613

Address: Clark & Brody

06/13/2003 10455609

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City: Washington, DC

State/Prov.: \_\_\_\_\_

Country: USA

ZIP: 20006

6. Total number of applications and patents involved: **1**

7. Total fee (37 CFR 3.41):.....\$ 40.00

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Christopher W. Brody

Name of Person Signing

Signature

June 6, 2003

Date

**2**

Total number of pages including cover sheet, attachments, and

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
- United States Patent Application Serial No. \_\_\_\_\_  
Date of Execution: \_\_\_\_\_ Date of Filing: \_\_\_\_\_
- United States Provisional Patent Application Serial No. \_\_\_\_\_
- United States Patent No(s). \_\_\_\_\_
- International (PCT) Patent Application Serial No. \_\_\_\_\_

Title of the Invention:

**METHOD FOR GROWING SILICON SINGLE CRYSTAL**

Inventors (assignors):

**Toshiaki ONO, Tadami TANAKA, Shigeru UMENO, Eiichi ASAYAMA and Hideshi NISHIKAWA**

Assignee:

**SUMITOMO MITSUBISHI SILICON 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.

Toshiaki Ono  
Signature: Toshiaki ONO

04/16/2003  
Date

Tadami Tanaka  
Signature: Tadami TANAKA

04/15/2003  
Date

Shigeru Umeno  
Signature: Shigeru UMENO

04/16/2003  
Date

Eiichi Asayama  
Signature: Eiichi ASAYAMA

04/15/2003  
Date

Hideshi Nishikawa  
Signature: Hideshi NISHIKAWA

04/15/2003  
Date