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Name of conveying party(les): Koji Kato	2. Name and address of receiving party(les)
, Roji Kato	Name: Sumitomo Mitsubishi Silicon Corporation
Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address: Street Address:
3. Nature of conveyance/Execution Date(s):	1-2-1 Shibaura, Minato-ku
Execution Date(s): April 13, 2004	Tokyo 105-8634
X Assignment Merger Change of Name	JAPAN
Security Agreement Joint Research Agreement	
Government Interest Assignment	
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) Yes X 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)
10/845,322	
Additional numbers attached?	Yes X No
Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Joseph R. Robinson DARBY & DARBY P.C.	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
Internal Address: Atty. Dkt.: 09853/0201089-US0	Authorized to be charged by credit card
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City: New York	8. Payment Information
State: NY Zip: 10150-5257	a. Credit Card Last 4 Numbers
Phone Number: (212) 527-7783 Fax Number: (212) 527-7701	Expiration Date
Email Address: jrobinson@darbyław.com	b. Deposit Account Number 04-0100 Authorized User Name Joseph R. Robinson
. Signature:) Joseph R. Robinson
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Signature	November 29, 2005 Date
Chris T. Mizernioto - 42,899	Total number of pages including cover sheet, attachments, and documents:
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I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273-0140, on the date shown below.	
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3ignature;	() [

PATENT REEL: 017074 FRAME: 0471

Attorney Docket No.: 09853/0201089-US0

ASSIGNMENT

I, Koji Kato, a citizen of Japan, residing at c/o Sumitomo Mitsubishi Silicon Corporation; 1-2-I Shibaura; Minato-Ku, Tokyo; 105-8634; JAPAN;

and each of us, if more than one person is identified above (hereinafter "ASSIGNOR") in consideration of the sum of Ten Dollars (\$10.00), or the equivalent thereof, and other good and valuable consideration, the sufficiency of which and receipt of which are hereby acknowledged, paid to ASSIGNOR by

Sumitomo Mitsubishi Silicon Corporation

a organized under the laws of Japan, located at 1-2-1 Shibaura, Minato-ku, Tokyo, 105-8634, JAPAN (hereinafter "ASSIGNEE"), do hereby sell and assign to said ASSIGNEE, its successors and assigns, the below indicated right, title, and interest, in and for the United States of America only in and to my Invention entitled:

METHOD FOR GROWING SILICON SINGLE CRYSTAL

invented by me and described in the specification bearing the above Attorney Docket No. and title executed by me concurrently herewith; and all patents, divisions, reissues, continuations and any extensions thereof and rights of priority therein, said interest being my entire ownership interest in the same, to be held and enjoyed by said ASSIGNEE, its successors, assigns, or other legal representatives, to the full end of the term thereof, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not be made;

And for the consideration aforesaid, I hereby covenant and agree to and with said ASSIGNEE, its successors and assigns, that whenever ASSIGNEE, its counsel or representative, or the counsel or representative of its successors or assigns, shall advise that an amendment to, or a division of, or any other proceeding or action in connection with an application concerning said Invention, including interference proceedings, is lawful and desirable, or that a reissue or continuation or extension of such application or patent issuing therefrom is lawful and desirable, I will sign all papers and drawings, take all rightful oaths and affidavits, and do all acts necessary or required to be done for the procurement of all lawful

PATENT REEL: 017074 FRAME: 0472 rights associated with the Invention, or for the reissue or continuation or extension of the same, will do all acts necessary or required to secure in said ASSIGNEE, its successors or assigns, the title to and full benefit of all rights hereby assigned, without charge to said ASSIGNEE or its successors or assigns, but at its or their expense; and I hereby appoint every present or future officer of said ASSIGNEE as my agent to sign all such papers and to do all such necessary acts on my behalf, to the fullest extent permitted by law;

And I hereby authorize and request the Commission of Patents and Trademarks and any other granting authority to issue any Letters Patent resulting from said Invention and application(s) concerning same to said ASSIGNEE.

This assignment shall have an effective date corresponding to the last date of execution.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: 04/13/2004

EON 1000

Koji Kato, Inventor

REEL: 017074 FRAME: 0473