

11-08-1999



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101194307

To the Hon. Commissioner of Patents and Trademarks Please record the attached original or copy thereof  Docket No. <b>JG-SU-4886</b>		Attach bar code label here:	
1- Name of Conveying Party(ies): <b>Kazushige TAKAISH and Ryoko TAKADA</b>			
2- Name of Receiving Party(ies): <b>Mitsubishi Materials Silicon Corporation and Mitsubishi Materials Corporation</b>  Address of Receiving Party(ies): <b>5-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo, JAPAN respectively</b>			
3- Nature of Conveyance: <input checked="" type="checkbox"/> <b>Assignment</b> <input type="checkbox"/> Change of Name <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other:  <b>EXECUTION DATE: August 10, 1999</b>		4- Application number(s) or Patent number(s): If this document is being filed together with a new application, the execution date of the application is:  A) Application number(s): <b>09/384,143</b>  B) Patent number(s):	
5- Name and Address of party to whom correspondence concerning document should be mailed: <b>Jules E. Goldberg, Esq.</b> <b>McAulay Nissen Goldberg Kiel &amp; Hand, LLP</b> <b>261 Madison Avenue</b> <b>New York, NY 10016-2391</b> <b>(212)986-4090</b>		6- Total number of applications and patents involved: <u>one</u>  7- TOTAL FEE (37 CFR 3.41): <b>\$ 40.00</b> <input checked="" type="checkbox"/> <b>Enclosed</b> (The Commissioner is hereby authorized to charge the deposit account any additional fees required or to credit any overpayment to Deposit Account No: 13-0025.)  <input type="checkbox"/> Authorized to be charged to Deposit Account  8- <b>Deposit Account No: 13-0025</b>	
<div style="display: flex; justify-content: space-between;"> <span>11/05/1999 MTHA11 00000185 09384143</span> <span>DO NOT USE THIS SPACE</span> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <span>01 FC:581</span> <span style="border: 1px solid black; padding: 2px;">40.00 OP</span> </div>			
9- Statement and Signature  <div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <b>Jules E. Goldberg</b>  <b>Reg. No.: 24,408</b>            Name of Person Signing         </div> <div style="width: 40%; text-align: center;">             Signature         </div> <div style="width: 20%; text-align: right;"> <b>November 1, 1999</b>            Date         </div> </div>		To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
Total number of pages including cover sheet, attachments, and documents: <u>2</u>			
<b>CERTIFICATE OF MAILING</b> I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on <b>November 1, 1999</b>  <div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div style="width: 40%; text-align: center;">             / Ruth Montalvo         </div> <div style="width: 60%; text-align: right;">           Date: <b>11/01/99</b> </div> </div>			

**PATENT**  
**REEL: 010358 FRAME: 0005**

ASSIGNMENT - PATENT APPLICATION  
UNITED STATES OF AMERICA

Whereas, I/We (1) Kazushige TAKAISHI and Ryoko TAKADA  
of (2) c/o Silicon Research Center, Mitsubishi Materials Corporation,  
1-297 KITABUKURO-CHO, OMIYA, SAITAMA, JAPAN (hereinafter "Assignor")

have invented certain new and useful improvements in

(3) CLEANING METHOD OF SEMICONDUCTOR SUBSTRATE

for which application for

Letters Patent in the United States of America (4) ☒ is about to be filed. ☐ has been filed.

And Whereas, (5) MITSUBISHI MATERIALS SILICON CORPORATION  
MITSUBISHI MATERIALS CORPORATION

of (6) 5-1, Ohtemachi 1-chome, Chiyoda-ku, Tokyo, Japan (hereinafter "Assignee")

is/are desirous of acquiring an interest therein and in the Letters Patent to be obtained therefor:

Now, therefore, be it known by all whom it may concern, that for good and valuable consideration (the sufficiency of which is hereby acknowledged) the Assignor has assigned, transferred and set over, and by these presents does assign, transfer and set over unto the said Assignee for the territory of the United States of America, the full and exclusive right, title, and interest in and to the said invention, as fully set forth and described in the specification.

A. prepared and executed on (8) even date herewith

(7) B. filed in the U.S. Patent and Trademark Office under Serial No. (9) \_\_\_\_\_ on (10) \_\_\_\_\_  
including any division, continuation, substitute or renewal application thereof; said invention, application and Letters Patent to be held and enjoyed by the said Assignee to the full end of the term for which said Letters Patent is granted, as fully and entirely as the same would have been held by the Assignor had this assignment and transfer not been made.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent for said invention to said Assignee.

In testimony whereof, the Assignor has hereunto set his hand this

(11) 10 day of August 19 99.

WITNESS:

INVENTOR(S):

(1) Kazushige Takashi Kazushige TAKAISHI

(2) Ryoko Takada Ryoko TAKADA

(3) \_\_\_\_\_

(4) \_\_\_\_\_

MC AULAY NISSEN GOLDBERG KIEL & HAND, LLP  
261 MADISON AVENUE, NEW YORK, N.Y. 10016-2391  
TELEPHONE: (212) 986-4090 TELEFAX: (212) 818-9479

PATENT

RECORDED: 11/04/1999

REEL: 010358 FRAME: 0006