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3. A. Nature of conveyance: Assignment	B. Additional name(s) & address(es) attached? ☐Yes ☑ No	
4. A. Patent Application No.(s) <u>10/703,583</u>	B. Patent No.(s) 7,126,194	
Additional numbers attached? ☐ Yes ☒ No C. Title of Application: METHOD FOR REMOVING IMPURITIES OF A SEMICONDUCTOR WAFER, SEMICONDUCTOR WAFER ASSEMBLY, AND SEMICONDUCTOR DEVICE		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: James A. Oliff	7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.	
Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320 Phone Number: 703-836-6400 Fax Number: 703-836-2787	Credit any overpayment or charge any underpayment to deposit account number 15-0461.	
9. Statement and signature. To the best of my knowledge and belief, the foregoing info original document. James A. Oliff Registration No. 27,075 Paul Tsou Registration No. 37,956	ormation is true and correct and any attached copy is a true copy of the Date: <u>June 11, 2007</u>	

PATENT REEL: 019417 FRAME: 0209

ASSIGNMENT

WHEREAS, Japan Society for the Promotion of Science, established under the laws of JAPAN whose address is 5-3-1, Koujimachi, Chiyoda-ku, Tokyo, JAPAN (hereinafter called "Assignor") is the co-owner of the following Letters Patent(s) and/or patent application(s) (hereinafter called "Patent Properties"), which ownership, to the extent recorded in the United States Patent and Trademark Office, is evidenced at the Reel and Frame(s) indicated below:

Application or Patent		
Number and Date of	Named	Reel
Filing or Issue	<u>Inventors</u>	and Frame
7,126,194 B2, issued 10/24/2006	Seigo KISHINO and Hideki TSUYA	014520/0878

The undersigned has reviewed all the documents in the chain of title identified above; and to the best of the undersigned's knowledge and belief, title is in the Assignor. The undersigned is empowered to sign this Assignment on behalf of the Assignor.

WHEREAS, Hyogo Prefecture, established under the laws of JAPAN, whose address is 5-10-1, Shimoyamatedori, Chuo-ku, Kobe City, Hyogo Pref., JAPAN (hereinafter called "Assignee") is desirous of acquiring the entire right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), including any and all provisional, non-provisional, divisional, continuation, international, design, confirmation, substitute and reissue application(s) or extensions of the same.

Now, To All Whom It May Concern: Be it known that for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors, assigns and legal representatives, the entire right, title and interest for the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), and any and all provisional, non-provisional, divisional, continuation, international, design, confirmation, substitute and reissue application(s) or extensions thereof; the same to be held and enjoyed by Assignee, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made, together with all claims for damages by reason of past infringement of said Patent Properties with the right to sue for and collect the same for its own use and for the use of its successors, assigns and legal representatives.

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PATENT REEL: 019417 FRAME: 0210 Assignor agrees that this assignment is binding on Assignor and its successors, assigns and legal representatives.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any Letters Patent of the United States resulting from said Patent Properties and any confirmations, divisions, continuations, counterparts, reexaminations, reissues or extensions thereof, to Assignee.

Assignor agrees to execute all papers necessary in connection with any interference which may be declared concerning said Patent Properties (and/or patents that may be granted therefrom), or any confirmation, division, continuation, reexamination or reissue thereof, and to cooperate with Assignee in every way possible in obtaining evidence and going forward with such interference.

Assignor covenants that it has full right to convey the interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.

Assignor agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Assignor agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to Assignee.

Assignor grants the firm of OLIFF & BERRIDGE, PLC of Alexandria, Virginia the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment is effective as of the 31st	day of <u>May</u> , 200 <u>7</u> .
Tatoma Sancola	Motogh Bw
Witness	Signature
	Officer of Assignor
Atsako Suznici	Motoyuki ONO
Witness	Typewritten Name of Officer
	President
	Title of Officer

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PATENT REEL: 019417 FRAME: 0211

RECORDED: 06/11/2007