


7-23-98

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FORM PTO-1595 (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) Tab settings <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		 <b>100783149</b>		U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): <b>Dale R. Du Bois</b>			2. Name and address of receiving party(ies): Name: <b>Applied Materials, Inc.</b> Internal Address: _____		
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			Street Address: <b>3050 Bowers Avenue</b> City <b>Santa Clara</b> State <b>CA</b> ZIP <b>95054</b> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date: <b>7/20/98</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: <b>7/23/98</b> A. Patent Application No.(s)      B. Patent No.(s) <div style="text-align: right; font-size: 2em;"><b>09121799</b></div> Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: <b>Applied Materials, Inc.</b> Internal Address: <b>Patent Counsel</b> Street Address: <b>Legal Affairs Dept.</b> <div style="text-align: center;"><b>10-01 480A</b></div> City: <b>Santa Clara</b> State: <b>CA</b> ZIP: <b>95052</b>			6. Total number of applications and patents involved: <b>1</b>		
7. Total fee (37 CFR 3.41).....\$ <b>40.00</b> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account			8. Deposit account number: _____		
			(Attach duplicate copy of this page if paying by deposit account)		
<small>DO NOT USE THIS SPACE</small>					
9. Statement and signature. <i>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.</i> <b>Tim L. Kitchen</b> <i>[Signature]</i> <b>7/23/98</b> Name of Person Signing      Signature      Date Reg. # <b>P-41,900</b> Total number of pages comprising cover sheet, attachments, and document: <b>3</b>					

JCS23 U.S. PTO 09/12/99

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07/29/1998  
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**Mail documents to be recorded with required cover sheet information to:  
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LJV/cak 10/22/96  
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PATENT  
REEL: 9348 FRAME: 0488

**ASSIGNMENT**

(For Execution Prior To Filing Patent Application)

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned, Dale R. Du Bois, hereby sell, assign, and transfer to APPLIED MATERIALS, INC., a corporation of Delaware, having a principal place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as "Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent that has been executed by the undersigned prior hereto or concurrently herewith on the dates indicated below and is entitled A METHOD AND APPARATUS FOR PROCESSING A WAFER and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

**Each Inventor: Please Sign and Date Below:**

7/20, 1998  
Date

Dale R. DuBois  
Name: Dale R. Du Bois

**Each Inventor:  
Please also list the  
date that you  
signed the  
accompanying  
DECLARATION  
AND POWER OF  
ATTORNEY:**

7/20, 1998  
Date