



101674935

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

1. Name of conveying parties:
 - a) Miguel A. Saldana
 - b) Damon Vincent Williams
2. Name and address of receiving party:
 - a) Name: Lam Research Corporation
 - b) Address: 4650 Cushing Parkway, Fremont, CA 94538
3. Nature of conveyance

<input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other _____	<input type="checkbox"/> Merger <input type="checkbox"/> Change of Name <input type="checkbox"/> License Agreement
---	--

Execution Date: March 9, 2001 and March 8, 2001, respectively

4. Application Number: 09/747,765

The title of the application is: CHEMICAL MECHANICAL POLISHING APPARATUS AND METHODS WITH CENTRAL CONTROL OF POLISHING PRESSURE APPLIED BY POLISHING HEAD

5. Please send all correspondence concerning this document to:

Chester E. Martine, Jr.
 MARTINE PENILLA & KIM, LLP
 710 Lakeway Drive, Suite 170
 Sunnyvale, CA 94085
Customer Number 25920
 Tel. No. (408) 749-6900
 Fax No.: (408) 749-6901

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 3.41): \$40.00
 - Enclosed
 - Commissioner is authorized to charge any deficiencies to Deposit Account No. 50-0805 (Order No. LAM2P222B)
8. 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.

Date: April 4, 2001

 Chester E. Martine, Jr.
 Registration No. 19,711

04/11/2001 BNGUYEN1 00000023 09747765

04 FC:581

40.00 DP

ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

Whereas we the undersigned inventors have invented certain new and useful improvements as set forth in the patent application entitled:

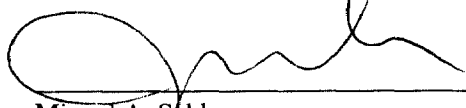
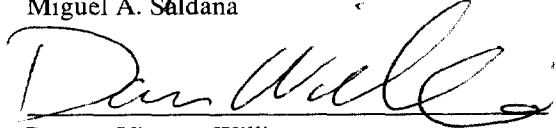
CHEMICAL MECHANICAL POLISHING APPARATUS AND METHODS WITH CENTRAL CONTROL OF POLISHING PRESSURE APPLIED BY POLISHING HEAD

for which we have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on December 22, 2000, and which bears the Application No. 09/747,765.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we the undersigned inventors hereby:

- 1) Sell, assign and transfer to **Lam Research Corporation**, a Delaware corporation having a place of business at 4650 Cushing Parkway, Fremont CA 94538, (hereinafter referred to as ("ASSIGNEE")), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

- 1) Signature: 
Typed Name: Miguel A. Saldana Date: 3/9/01
- 2) Signature: 
Typed Name: Damon Vincent Williams Date: 3/8/01

Attorney Docket No. LAM2P222B

RECORDED: 04/04/2001

PATENT
REEL: 011672 FRAME: 0424