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2.2.01

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

- 1. Name and address of conveying party(ies)
Name: Strasbaugh
Address: 825 Buckley Road, San Luis Obispo, CA 93401
- 2. Name and address of receiving party(ies):
Name: Lam Research Corporation
Address: 4650 Cushing Parkway, Fremont, CA 94538

- 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 _____	<input type="checkbox"/> License Agreement

Execution Date: December 19, 2000

- 4. Application Number: 09/038,875

The title of the application is: PARALLEL ALIGNMENT METHOD AND APPARATUS FOR CHEMICAL MECHANICAL POLISHING

- 5. Please send all correspondence concerning this (these) documents to:

Albert S. Penilla, Esq.
 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

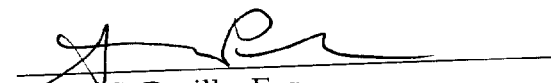
- 6. Total number of applications and patents involved: 1

- 7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Authorized to be charged to Deposit Account No. 50-0805
(Order No. _____)

- 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: January 29, 2001


 Albert S. Penilla, Esq.
 Registration No. 39,487

02/13/2001 GTOM11 00000336 09038875
 01 FC:581 40.00 00

Attorney Docket No. LAM2P232

(Revised 01/96)

PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT (the "Assignment") is entered into as of December 20, 2000, by Strasbaugh, a California corporation having its principal place of business located at 825 Buckley Road, San Luis Obispo, California ("Seller"), for the benefit of Lam Research Corporation, a Delaware corporation having its principal place of business located at 4650 Cushing Parkway, Fremont, California (the "Company").

RECITALS

WHEREAS, Seller and the Company are party to a certain Assignment Agreement dated as of December 20, 2000, pursuant to which Seller has agreed to assign, among other things, certain intellectual property to the Company:

NOW, THEREFORE, in consideration of the foregoing and the mutual promises contained herein and other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the parties agree as follows:

ASSIGNMENT

1. Seller Patents. For purposes of this Assignment, "Seller Patents" shall mean each of the patents, patents pending and patent applications listed on *Schedule 1* hereto, and (i) any other patent rights owned or controlled by Seller in patents and patent applications, and the inventions covered by those applications and patents, and Foreign Counterparts (as defined below) thereof, (ii) any additional patent rights Seller now owns, controls or has access to, or may own, control or have access to in the future which are now continuations, continuations-in-part, divisionals or substitutes of the original applications upon which the aforementioned patent rights are based, and the inventions covered thereby, or Foreign Counterparts thereof, and upon any reexaminations, reissues, renewals or extensions thereof, and (iii) any improvements patented by Seller. "Foreign Counterparts" shall mean all foreign patent applications and issued foreign patents, which claim priority from, or share common priority with, an identified United States patent or patent application, or which claim and disclose substantially similar inventions that are the subject matter of such identified United States patent or patent applications.

2. Assignment. Seller hereby assigns, transfers and conveys to the Company all of Seller's rights, title and interest throughout the world in and to the Seller Patents, the underlying inventions described therein, and all rights, claims and privileges pertaining to the Seller Patents.

3. Effective Date. This Assignment shall be effective as of the date set forth above.

(This space intentionally left blank.)

1.

IN WITNESS WHEREOF, the undersigned has executed this Assignment as of
the date first written above.

STRASBAUGH,
a California corporation.

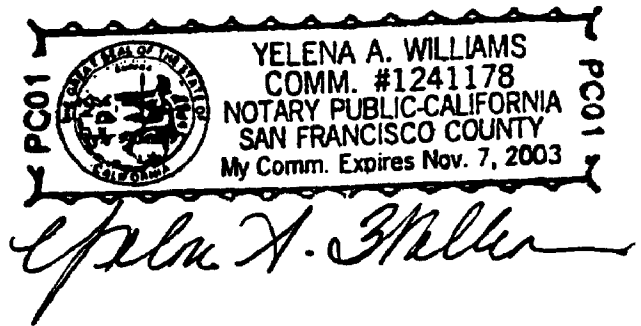
By: *J. Burke*
Name: *Jim Burke*
Title: *CEO*

STATE OF *CALIFORNIA*
COUNTY OF *SAN FRANCISCO* ss.

On this *19th* day of *December*, in the year of *2000*, before me, the undersigned notary public, personally appeared the above-named assignor, known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged that he executed the same.

Acknowledged:

LAM RESEARCH CORPORATION,
a Delaware corporation



By: _____
Name: _____
Title: _____

Date: _____, 2000

IN WITNESS WHEREOF, the undersigned has executed this Assignment as of the date first written above.

STRASBAUGH,
a California corporation.

April A. Straalough, Secretary

By: *J. M. Benke*
Name: *James M Benke*
Title: *CLO*

Acknowledged:

LAM RESEARCH CORPORATION,
a Delaware corporation

By: *S. G. Newberry*
Name: *STEPHEN G. NEWBERRY*
Title: *President / COO*

Date: _____, 2000

SCHEDULE 1

Seller Patents

Legend	
Boyd	John Boyd
Fuhriman	John Fuhriman
Halley	David G. Halley
Kalenian	William J. Kallenian
Lentz	Terry Lentz
Strasbaugh	Alan Strasbaugh
Treur	Randy Treur
Vogtmann	Michael Vogtmann
Walsh	Jeffrey A. Walsh
Wells	Carlton Wells
Wolf	Stephan Wolf

Description of Invention	Inventor	Patent or Application Number
Wafer Carrier For Film Planarization	Strasbaugh	US Patent 5,449,316 Application 08/178,531
Apparatus For Sensing The Presence Of A Wafer	Kalenian, Lentz	US Patent 5,961,169 Application 09/124,160 International Patent Application No. PCT/US99/17037
Wafer Handling Apparatus Having A Resilient Membrane Which Holds Wafer	Strasbaugh	US Patent 5,423,716 Application 80/178,530
Projected Gimbal Point Drive	Halley	Provisional 60/215,666
Accurate Positioning of a Wafer	Vogtmann	US Patent 6,131,589 Application 09/247,108 International Patent Application No. PCT/US99/02699
Non-Contacting Support For A Wafer	Vogtmann	Application 09/247,107
Sensing The Presence of a Wafer	Vogtmann	Application 09/247,108 International Patent Application No. PCT/US99/02699

Description of Invention	Inventor	Patent or Application Number
Lifting And Rinsing A Wafer	Vogtmann	US Patent 6,102,057 Application 09/247,109 International Patent Application No. PCT/US99/02699
Parallel Alignment Method And Apparatus For Chemical Mechanical Polishing	Walsh, Fuhriman, Wells	Application 09/038,875
Optical Viewport for CMP Endpoint Detection	Treur, Wolf, Boyd	US Patent 6,146,242 Application 09/330,472 International Patent Application No. PCT/US00/16026