

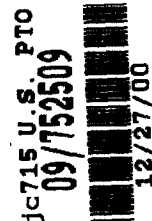
01-17-2001

ASSIGN



HEET

101585867



To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

1. Names of conveying parties:

- a) Cangshan Xu
- b) Eugene Y. Zhao
- c) Fen Dai

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

Execution Dates: December 21, 2000

09752509

4. Application Number: Not yet assigned

The title of the new application is: METHODS FOR MAKING REINFORCED
WAFER POLISHING PADS AND APPARATUSES IMPLEMENTING THE SAME

5. Please send all correspondence concerning this document to:

Edmund H. Mizumoto, Esq.
MARTINE PENILLA & KIM, LLP
710 Lakeway Drive, Suite 170
Sunnyvale, CA 94085
Tel. No. (408) 749-6900
Fax No.: (408) 749-6901
Customer No. 25920

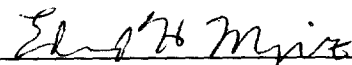
6. Total number of applications and patents involved: 1

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

- ☒ Enclosed
- ☒ Any deficiency is authorized to be charged to Deposit Account No. 50-0805 (Order No. LAM2P223A)

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: December 27, 2000


Edmund H. Mizumoto, Esq.
Registration No. 46,938

01/08/2001 MW:WED1 00000019 09752509

04 FC:581

40.00 UP

Attorney Docket No. LAM2P223A

(Revised 01/96)

PATENT
REEL: 011420 FRAME: 0541

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

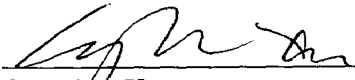
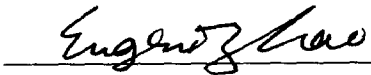
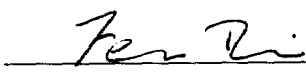
METHODS FOR MAKING REINFORCED WAFER POLISHING PADS AND APPARATUSES IMPLEMENTING THE SAME

(Atty. Docket No: LAM2P223A) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell, assign and transfer to **Lam Research Corporation**, a Delaware corporation having a place of business at 4650 Cushing Parkway, Fremont, California, 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 date(s) indicated beside my (our) signature(s).

- | | | |
|----|---|-----------------------|
| 1) | Signature: <u></u> | Date: <u>12/21/00</u> |
| | Typed Name: Cangshan Xu | |
| 2) | Signature: <u></u> | Date: <u>12/21/00</u> |
| | Typed Name: Eugene Y. Zhao | |
| 3) | Signature: <u></u> | Date: <u>12/21/00</u> |
| | Typed Name: Fen Dai | |

Attorney Docket No. LAM2P223A

RECORDED: 12/27/2000

PATENT
REEL: 011420 FRAME: 0542