

07-30-2003

7-28-23  
OFFICE OF PLAIN RECORDS



102510619

2003 JUL 28 AM 9:13

To: Honorable Commissioner of Patents and Trademarks:

FINANCE SECTION

Please record the attached original document or copy thereof.

1. Names of conveying parties:

- a) Mike Ravkin
- b) Carl Woods

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 Date: July 16, 2003

4. Application Number: 10/404,270

The title of the application is: **VERTICAL PROXIMITY PROCESSOR**

5. Please send all correspondence concerning this document to:

Edmund H. Mizumoto, Esq.  
MARTINE & PENILLA, 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. LAM2P403)

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: July 25, 2003

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

07/29/2003 ECOOPER 00000111 10404270

01 FC:8021

40.00 DP

Attorney Docket No. LAM2P403

(Revised 01/96)

**PATENT**  
**REEL: 014312 FRAME: 0694**

**ASSIGNMENT OF PATENT APPLICATION**  
(Not Accompanying Application)

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


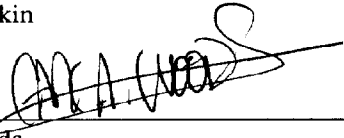
**VERTICAL PROXIMITY PROCESSOR**

for which I/we have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on March 31, 2003, and which bears the Application No. 10/404,270.

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, 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 date(s) indicated beside my/our signature(s).

- |    |  |                         |
|----|--|-------------------------|
| 1) | Signature: _____<br>Typed Name: James P. Garcia  | Date: _____             |
| 2) | Signature: <u></u><br>Typed Name: Mike Ravkin | Date: <u>7/16/03</u>    |
| 3) | Signature: <u></u><br>Typed Name: Carl Woods  | Date: <u>07/16/2003</u> |
| 4) | Signature: _____<br>Typed Name: Fred C. Redeker  | Date: _____             |
| 5) | Signature: _____<br>Typed Name: John de Larios   | Date: _____             |