

ASSIG



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JII

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

1. Names of conveying parties:

- a) John M. Boyd
- b) Fred C. Redeker
- c) Randolph E. Treur
- d) William Thie

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: a) 2/27/03; b) 2/26/03; c) 2/27/03; d) 2/27/03

4. Application Number: 10/377,943

The title of the new application is: **METHOD AND APPARATUS FOR MEGASONIC CLEANING WITH REFLECTED ACOUSTIC WAVES**

5. Please send all correspondence concerning this document to:

Michael L. Gencarella, 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

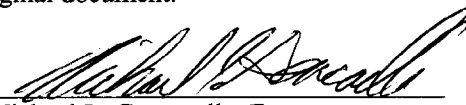
6. Total number of applications and patents involved: 1

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. LAM2P397)

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 26, 2004

  
 Michael L. Gencarella, Esq.  
 Registration No. 44,703

02/03/2004 DBYRME 00000118 10377943  
 01 FC:0021 40.00 DP

Attorney Docket No. LAM2P397

(Revised 01/96)

OFFICE OF THE COMMISSIONER OF PATENTS AND TRADEMARKS  
 2001 PPO-2 (1/19/01)  
 FINANCE SECTION

# ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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


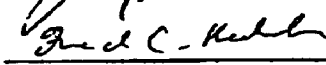
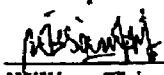
## METHOD AND APPARATUS FOR MEGASONIC CLEANING WITH REFLECTED ACOUSTIC WAVES

(Atty. Docket No. LAM2P397) for which 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, 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 U.S. (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 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: <u></u> | Date: <u>2/27/03</u> |
|    | Typed Name: John M. Boyd  |                      |
| 2) | Signature: <u></u> | Date: <u>2-26-03</u> |
|    | Typed Name: Fred C. Redeker   |                      |
| 3) | Signature: _____  | Date: _____          |
|    | Typed Name: Randolph E. Treur   |                      |
| 4) | Signature: <u></u> | Date: <u>2/27/03</u> |
|    | Typed Name: William Thie  |                      |

Attorney Docket No. LAM2P397

**ASSIGNMENT OF PATENT APPLICATION**

(Accompanying Application)

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


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Signed on the dates indicated beside our signatures.

- 1) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Typed Name: John M. Boyd
- 2) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Typed Name: Fred C. Redeker
- 3) Signature:  Date: 2/27/3  
 Typed Name: Randolph E. Treur
- 4) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
 Typed Name: William Thie

Attorney Docket No. LAM2P397