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To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

- 1. Names of conveying parties:
 - a) Katrina Mikhaylichenko
 - b) John deLarios
- 2. Name and address of receiving party:
 - a) Name: Lam Research Corporation
 - b) Address: 4650 Cushing Parkway
Fremont, California 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

OFFICE OF PUBLIC RECORDS
2005 MAR -8 PM 4: 00
FINANCE SECTION

Execution Date: March 31, 2004

- 4. Application Number: 10/816,487

The title of the application is: **PROXIMITY HEAD HEATING METHOD AND APPARATUS**

- 5. Please send all correspondence concerning this document to:

Peter B. Martine
 MARTINE PENILLA & GENCARELLA, LLP
 710 Lakeway Drive, Suite 200
 Sunnyvale, CA 94085
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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. LAM2P451)

- 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: March 4, 2005



 Peter B. Martine
 Registration No. 32,043

03/09/2005 DBYRNE 00000062 10816487

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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:

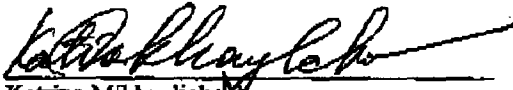
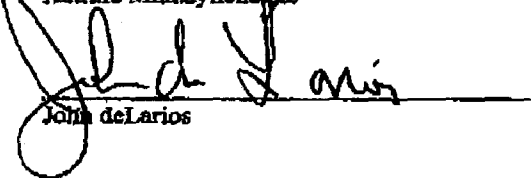
PROXIMITY HEAD HEATING METHOD AND APPARATUS

(Atty. Docket No. LAM2P451) 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, 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 divisions, continuations, substitutes or reissues 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, 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: 
Typed Name: Katrina Mikhaylichenko Date: 03/31/04
- 2) Signature: 
Typed Name: John deLarios Date: 3/31/04

Attorney Docket No. LAM2P451