

07-13-2004

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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) Arthur M. Howald
2. Name and address of receiving party:  
a) Name: Lam Research Corporation  
b) Address: 4650 Cushing Parkway, Fremont, CA 94538

3. Nature of conveyance  
☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other ☐ License Agreement

6.30.04

Execution Dates: a) 6/30/04

4. Application Number: Not yet assigned

The title of the new application is: METHOD OF DETERMINING THE CORRECT AVERAGE BIAS COMPENSATION VOLTAGE DURING A PLASMA PROCESS

5. Please send all correspondence concerning this document to:

Edmund H. Mizumoto, Esq.  
MARTINE & PENILLA, LLP  
710 Lakeway Drive, Suite 170  
Sunnyvale, CA 94085  
Customer No. 25920  
Tel. No. (408) 749-6900 Ext. 6927  
Fax No.: (408) 749-6901

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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. LAM2P478)

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: June 30, 2004

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

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02 FC:8021

40.00 OP

Attorney Docket No. LAM2P478

(Revised 01/96)

PATENT  
REEL: 015546 FRAME: 0291

# ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas I, the undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

## METHOD OF DETERMINING THE CORRECT AVERAGE BIAS COMPENSATION VOLTAGE DURING A PLASMA PROCESS

(Atty. Docket No. LAM2P478) for which I 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 the undersigned inventor 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 date indicated beside my signature.

1) Signature: Arthur M. Howald  
Typed Name: Arthur M. Howald

Date: 6/30/2004

Attorney Docket No. LAM2P478

RECORDED: 06/30/2004

PATENT  
REEL: 015546 FRAME: 0292