

05-14-2002

ASSIGNM



HEET

102088810

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

1. Name of conveying parties:

- a) Vincent Wong  
b) Brett C. Richardson  
c) Andrew Lui

5-3-02

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: May 3, 2002

4. Application Number or Patent Number: Not yet assigned

10,138,980

The title of the new application is: ENDPOINT DETERMINATION OF PROCESS RESIDUES IN WAFER-LESS AUTO CLEAN PROCESS USING OPTICAL EMISSION SPECTROSCOPY

5. Please send all correspondence concerning this document to:

Michael L. Gencarella  
MARTINE & PENILLA, LLP  
710 Lakeway Drive, Suite 170  
Sunnyvale, CA 94085  
Customer Number 25920  
Tel. No. (408) 749-6900  
Fax No: (408) 749-6901

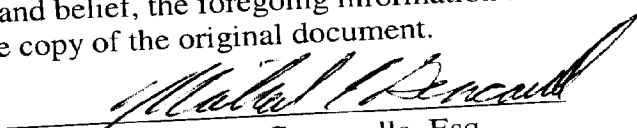
6. Total number of applications and patents involved: 1

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

- ☒ Enclosed  
☐ Authorized to be charged to Deposit Account No. 50-0805  
(Order No. LAM2P285)

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.

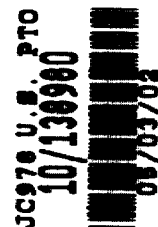
Date: May 3, 2002

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

Attorney Docket No. LAM2P285

(Revised 01/96)

PATENT  
REEL: 012874 FRAME: 0973



# 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:

## ENDPOINT DETERMINATION OF PROCESS RESIDUES IN WAFER-LESS AUTO CLEAN PROCESS USING OPTICAL EMISSION SPECTROSCOPY

(Atty. Docket No: LAM2P285) 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 94538-6470, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application based upon, and Patent (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, continuation, substitute or reissue 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 inventors, 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>Vincent Wong</u>        | Date: <u>5/3/02</u> |
|    | Typed Name: Vincent Wong              |                     |
| 2) | Signature: <u>Brett C. Richardson</u> | Date: <u>5/3/02</u> |
|    | Typed Name: Brett C. Richardson       |                     |
| 3) | Signature: <u>Andrew Lui</u>          | Date: <u>5/3/02</u> |
|    | Typed Name: Andrew Lui                |                     |
| 4) | Signature: _____                      | Date: _____         |
|    | Typed Name: Scott Baldwin             |                     |

Attorney Docket No. LAM2P285