

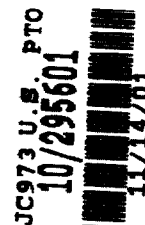
11-26-2002

ASSIGNMENT



IEET

102293711



To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)
 - a) Zhisong Huang
 - b) Lumin Li
2. Name and address of receiving party(ies):
 - a) Name: Lam Research Corporation
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: November 14, 2002

4. Application Number(s) or Patent Number(s): Filed Herewith

The title of the (new) application is: **A METHOD FOR PLASMA ETCHING PERFORMANCE ENHANCEMENT**

5. Please send all correspondence concerning this (these) documents to:

Beyer Weaver & Thomas, LLP
P.O. Box 778
Berkeley, CA 94704-0778
Ph: (650) 961-8300
Fax: (650) 961-8301
(Customer Number: 022434)



22434

PATENT AND TRADEMARK OFFICE

6. Total number of applications and patents involved: 1

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

- ☒ Enclosed
☒ Any additional fees are authorized to be charged to Deposit Account No. 50-0388
(Order No. LAM1P168)

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: November 14, 2002

Michael Lee
Registration No. 31,846

11/25/2002 6TOM11 00000252 10295601

01 FC:8021

40.00 DP

Attorney Docket No. LAM1P168/P1020

(Revised 12/01)

PATENT
REEL: 13513 FRAME: 0863

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

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

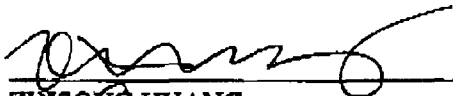
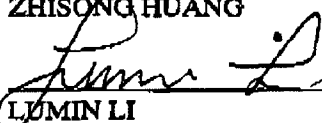
A METHOD FOR PLASMA ETCHING PERFORMANCE ENHANCEMENT

(Atty. Docket No.: LAM1P168/P1020) 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, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) 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:  | Date: <u>11/14/02</u> |
| | Typed Name: <u>ZHISONG HUANG</u> | |
| 2) | Signature:  | Date: <u>11/14/02</u> |
| | Typed Name: <u>LUMIN LI</u> | |