

3-31-99

04-15-1999



ASSIGNMENT

101011092

COVER SHEET  
-PATENTS ONLY-

JC542 U.S. PTO  
09/282644  
03/31/99

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

1. Name of conveying party:  
a) Fangli J. Hao
2. Name and address of receiving party:  
a) Name: Lam Research Corporation  
b) Address: 4650 Cushing Parkway, Fremont, California 94538-6516
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: March 30, 1999

4. Application Number or Patent Number: Not yet assigned 09/282644

The title of the new application is: METHOD AND APPARATUS FOR COMPENSATING NON-UNIFORM WAFER PROCESSING IN PLASMA PROCESSING CHAMBER

5. Please send all correspondence concerning this document to:

**Raymis H. Kim**  
MARTINE PENILLA & KIM, LLP  
830 West Evelyn Avenue  
Sunnyvale, CA 94086  
Tel. No. (408) 749-6900  
Fax No.: (408) 749-6901

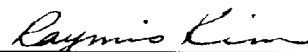
6. Total number of applications and patents involved: 1

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

- |                                     |   |
|-------------------------------------|---|
| <input checked="" type="checkbox"/> | Enclosed  |
| <input checked="" type="checkbox"/> | Authorized to be charged to Deposit Account No. 50-0805<br>(Order No. LAM1P101) |

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 31, 1999

  
Raymis H. Kim, Esq.  
Registration No. 39,462

Attorney Docket No. LAM1P101

04/12/1999 JWS/STW 000000% 09282644  
40.00 00  
PATENT  
REEL: 9880 FRAME: 0549  
(Revised 01/96)

# 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:

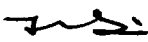
## **METHOD AND APPARATUS FOR COMPENSATING NON-UNIFORM WAFER PROCESSING IN PLASMA PROCESSING CHAMBER**

(Atty. Docket No: LAM1P101) 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, California 94538-6516, (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:  Hao Date: 3/30/99  
Typed Name: Fangli J. Hao