

04-10-2003



INT RECORDATION COVER SHEET
-PATENTS ONLY-

102414977

10: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

1. Name of conveying party:

a) Taejoon HAN

b) Xiaoqiang YAO

3-27-03

2. Name and address of receiving party:

a) Name: Lam Research Corporation

c) Address: 4650 Cushing Parkway, Fremont, CA 94538

3. Nature of Conveyance

- Assignment
- Security Agreement
- Other _____

- Merger
- Change of Name
- License Agreement

Execution Date: February 24, 2003

4. Application Number: Not yet assigned

10400404

The title of the application is:

PRE-ENDPOINT TECHNIQUES IN PHOTORESIST ETCHING

5. Please send all correspondence concerning this document to:

Customer Number 27787

Michael S. Brandt
Lam Research Corporation
4650 Cushing Parkway, CA-1
Fremont, CA 94538
Tel. No. (510) 572-1667
Fax No. (510) 572-2876

6. Total number of applications and patents involved: 1

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

- Please charge Deposit Account No. 50-1842 (Order No. P1077).
- The Commissioner is authorized to charge any fees beyond the amount enclosed which may be required, or to credit any overpayment, to Deposit Account No.50-1842 (Order No. P1077).

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 27, 2003

Michael S. Brandt, Registration No. 39,119

04/09/2003 ECDPER 00000068 501842 10400404

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Docket No. P1077/LMRXP010



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:

Pre-Endpoint Techniques In Photoresist Etching

(Atty. Docket No: P1077) 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, (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 inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this agreement.

Signed on the date indicated beside my signature.

1. Signature: Taejoon Han Date: 2-24-03
Typed Name: Taejoon Han
2. Signature: Xiaoqiang Yao Date: 2/24/03
Typed Name: Xiaoqiang Yao

Docket No. P1077/LMRXP010