12-13-2001

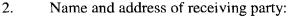
SHEET

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

1. Name of conveying party: 11-14-01

Sundar Amartur



Lam Research Corporation

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

3.	Nature	of	conveyance

Assignment
 Security Agreement
Other

Merger

Change of Name License Agreement

Execution Date: November 13, 2001

4. Application Number: Unknown 10/002575

The title of the application is: SYSTEM FOR IN-SITU MONITORING OF REMOVAL RATE/THICKNESS OF TOP LAYER DURING PLANARIZATION

5. Please send all correspondence concerning this document to:

Joe Brock, II

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

Commissioner is authorized to charge any deficiencies to Deposit Account No. 50-0805 (Order No. LAM2P308)

To the best of my knowledge and belief, the foregoing information is true and correct 8. and any attached copy is a true copy of the original document.

Date: November 14, 2001

2 FC:581

Régistration No. 46,021

Attorney Docket No. LAM2P308

(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:

SYSTEM FOR IN-SITU MONITORING OF REMOVAL RATE/THICKNESS OF TOP LAYER DURING PLANARIZATION

(Atty. Docket No: <u>LAM2P308</u>) 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 <u>Lam Research Corporation</u>, 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 assignment.

Signed on the date indicated beside my signature.

1) Signature: Sundar Amartur

Date: 13 Nov., 2001

Sundar Amartur

Attorney Docket No. LAM2P308

RECORDED: 11/14/2001

PATENT REEL: 012355 FRAME: 0755