

ASSIGN

12-13-2001

SHEET



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To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document or copy thereof.

1. Name of conveying party: 11-14-01
a) Sundar Amartur
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: 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)

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, 2001
 12/07/2001 HTECKLU1 00000077 10002575
 02 FC:581 40.00 DP

Joe Brock, II
 Registration No. 46,021

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: LAM2P308) 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 assignment.

Signed on the date indicated beside my signature.

1) Signature:  Date: 13 Nov, 2001
Typed Name: Sundar Amartur