ASS



/ER SHEET

101663238

To: Honorable Commissioner of Patents and Trademarks:

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

1. Name of conveying parties:



Fangli J. Hao b) Dean Jay Larson

2. Name and address of receiving party:

Name:

Lam Research Corporation

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

3.	Nature	of	conveyance

Assignment Security Agreement Merger

Change of Name

License Agreement

Execution Date: March 30, 2001

Other

4. Application Number(s) or Patent Number(s): Not yet assigned

The title of the (new) application is: LIFT PIN IMPACT MANAGEMENT

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

Rick von Wohld, Esq.

MARTINE PENILLA & KIM, LLP

710 Lakeway Drive, Suite 170

Sunnyvale, CA 94085

Customer Number 25920

Tel. No. (408) 749-6900

Fax No.: (408) 749-6901

09823469 Total number of applications and patents involved: 1 6.

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

Enclosed

Commissioner is authorized to charge any deficiencies to Deposit Account No. 50-0805 (Order No. LAM2P236)

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: March 30, 2001

04/05/2001 DTESSEM1 00000010 09823469

04 FC:581

40,00 OF

Rick von Wohld, Esq. Registration No. 48,018

Attorney Docket No. LAM2P236

(Revised 01/96)

PATENT REEL: 011664 FRAME: 0779

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas we the undersigned inventors have invented certain new and useful improvements as set forth in the patent application entitled:

LIFT PIN IMPACT MANAGEMENT

(Atty. Docket No: LAM2P236) for which 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, We the undersigned inventors 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 inventors, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

1) Signature: Typed Name: Fangli J. Hao

Date: 3-30-0/

2) Signature: Van Hay Janden Date: 3-30-01

Signature: Dean Jay Larson Date: Date:

Attorney Docket No. LAM2P236

RECORDED: 03/30/2001

PATENT REEL: 011664 FRAME: 0780