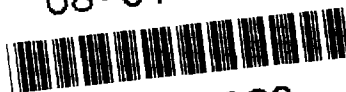


7-6-2000

ASSIGNM

08-01-2000



101419969

HEET



To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original documents or copy thereof.

1. Name of conveying parties:  
a) OnTrak Systems, Inc.
2. Name and address of receiving parties:  
a) Name: Lam Research Corporation  
b) Address: 4650 Cushing Parkway, Fremont, CA 94538-6470
3. Nature of conveyance  

<input type="checkbox"/>	Assignment	<input checked="" 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: June 25, 1999

09/611235

4. Application Number or Patent Number: Unassigned.

The title of the application is: METHOD AND APPARATUS FOR HF-HF CLEANING

5. Please send all correspondence concerning these documents to:


**Albert S. Penilla**  
MARTINE PENILLA & KIM, LLP  
710 Lakeway Drive, Suite 170  
Sunnyvale, CA 94085  
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 (Order No. <u>LAM2P162A</u> )

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: July 6, 2000

  
Albert S. Penilla, Esq.  
Registration No. 39,487

07/31/2000 JSHABAZZ 00000150 09611235

01 FC:581

40.00 DP

Attorney Docket No. LAM2P162A

(Revised 01/96)

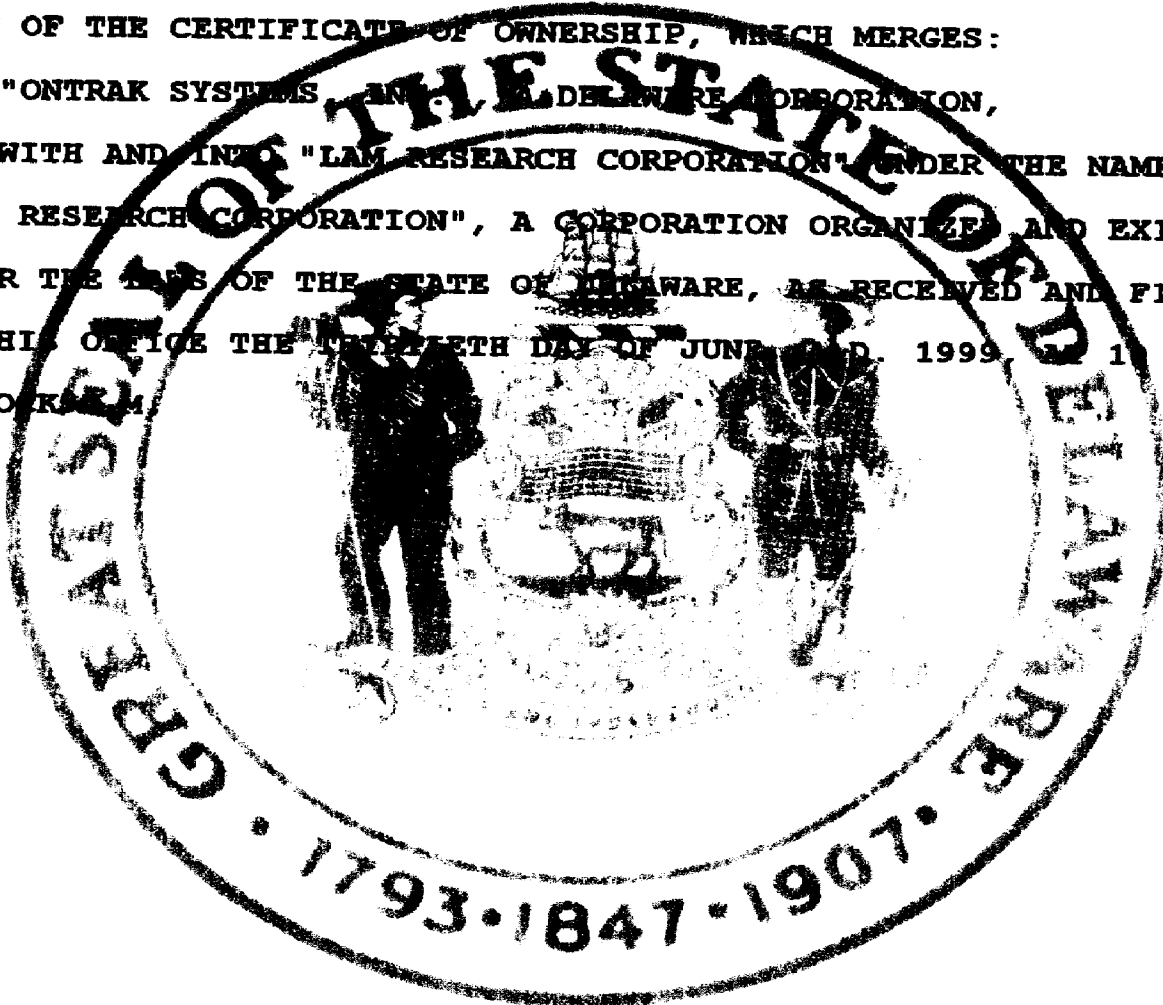
**PATENT**  
**REEL: 010950 FRAME: 0610**

State of Delaware  
**Office of the Secretary of State** PAGE 1

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I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"ONTRAK SYSTEMS, INC. A DELAWARE CORPORATION,  
WITH AND INTO "LAM RESEARCH CORPORATION" UNDER THE NAME OF  
"LAM RESEARCH CORPORATION", A CORPORATION ORGANIZED AND EXISTING  
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED  
IN THIS OFFICE THE TWENTH DAY OF JUNE A.D. 1999, AT 1  
O'CLOCK P.M.



2207172 8100M

001187933

  
\_\_\_\_\_  
Edward J. Freel, Secretary of State

AUTHENTICATION: 0379715

DATE: 04-13-00

PATENT  
REEL: 010950 FRAME: 0611

**CERTIFICATE OF OWNERSHIP AND MERGER****MERGING****ONTRAK SYSTEMS, INC.****INTO****LAM RESEARCH CORPORATION****(PURSUANT TO SECTION 233 OF THE GENERAL CORPORATION LAW OF THE STATE OF DELAWARE)**

Lam Research Corporation, a Delaware corporation, (the "Parent"), does hereby certify:

**FIRST:** That Parent is incorporated pursuant to the General Corporation Law of the State of Delaware;

**SECOND:** That the Parent owns all of the outstanding shares of each class of the capital stock of OnTrak Systems, Inc., a Delaware corporation ("Sub"); and

**THIRD:** That Parent, by the following resolutions of its Board of Directors, duly adopted on June 25, 1999 determined to merge into itself OnTrak Systems, Inc., on the conditions set forth in such resolutions:

**RESOLVED**, that Parent merge into itself its wholly-owned subsidiary, OnTrak Systems, Inc., a Delaware corporation ("Sub"), and assume all of Sub's liabilities and obligations;

**RESOLVED FURTHER** that Parent shall be the surviving corporation upon effectiveness of the merger.

**RESOLVED FURTHER** that the directors and officers of Parent be, and each of them hereby is, authorized and directed to make, execute and acknowledge a certificate of ownership and merger setting forth a copy of the resolution to merge Sub into Parent and to assume Sub's liabilities and obligations and the date of adoption thereof and to file the same in the office of the Secretary of State of Delaware and a certified copy thereof in the Office of the Recorder of Deeds of Newcastle County."

**IN WITNESS WHEREOF**, said Lam Research Corporation has caused its corporate seal to be affixed and this certificate to be signed by Richard H. Lovgren, its authorized Secretary and corporate officer, this 25<sup>th</sup> day of June, 1999.

**LAM RESEARCH CORPORATION**By: 

Richard H. Lovgren

Its: Vice President, General Counsel and  
Secretary

19150217

STATE OF DELAWARE  
SECRETARY OF STATE  
DIVISION OF CORPORATIONS  
FILED 10:00 AM 06/30/1999  
991266652 - 2207172

RECORDED: 07/06/2000

PATENT  
REEL: 010950 FRAME: 0612