

ASSIGNMENT RECORDATION
-PATENTS ONLY-

10-12-2006



To: Honorable Commissioner of Patents and Trademarks:

103320290

Please record the attached original document or copy thereof.

- 10.01.01
1. Name of conveying parties:
- | | |
|---------------------------|--------------------|
| a) Erik M. Freer | d) Michael Ravkin |
| b) John M. de Larios | e) Mikhail Korolik |
| c) Katrina Mikhaylichenko | f) Fred C. Redeker |
2. Name and address of receiving party:
- a) Name: Lam Research Corporation
- b) Address: 4650 Cushing Parkway, Fremont, CA 94538

OFFICE OF FILED RECORDS
2006 OCT 10 PM 2:45
FINANCE SECTION

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 Dates: September 13, 2006, respectively.

4. Application Number: 11/532,491 filed September 15, 2006

The title of the new application is: METHOD AND MATERIAL FOR CLEANING A SUBSTRATE

5. Please send all correspondence concerning this document to:
- Albert S. Penilla**
MARTINE PENILLA & GENCARELLA, LLP
710 Lakeway Drive, Suite 200
Sunnyvale, CA 94085
Customer Number 25920
Tel. No. (408) 774-6903
Fax No: (408) 749-6901

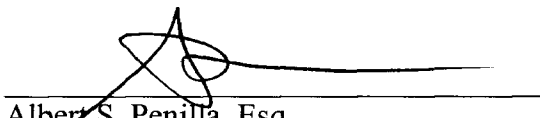
6. Total number of applications and patents involved: 1

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. LAM2P548B)

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: October 2, 2006


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

10/11/2006 DBYRNE 00000058 11532491

01 FC:8021

(40.00 DP)

Attorney Docket No. LAM2P548B

(Revised 01/96)

PATENT
REEL: 018386 FRAME: 0929

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:



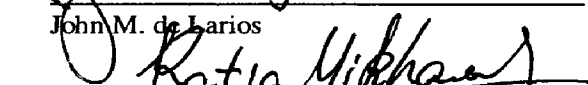
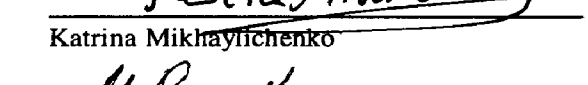
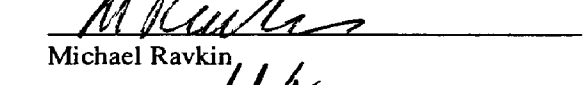
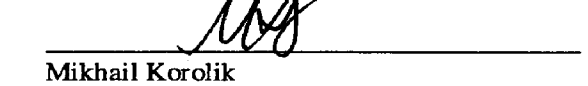
METHOD AND MATERIAL FOR CLEANING A SUBSTRATE

(Atty. Docket No. LAM2P548B) 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, the undersigned inventor hereby:

- 1) Sells, assigns and transfers to Lam Research Corporation, a Delaware corporation having a place of business at 4650 Cushing Parkway Fremont, California 94538, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorizes and requests the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any divisions, continuations, substitutes or reissues thereof to the ASSIGNEE.
- 3) Agrees 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) Agrees 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) Warrants and represents 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: 	Date: <u>9/13/06</u>
	Typed Name: Erik M. Freeman	
2)	Signature: 	Date: <u>9/13/06</u>
	Typed Name: John M. de Larios	
3)	Signature: 	Date: <u>9/13/06</u>
	Typed Name: Katrina Mikhaylichenko	
4)	Signature: 	Date: <u>9/13/06</u>
	Typed Name: Michael Ravkin	
5)	Signature: 	Date: <u>9/13/06</u>
	Typed Name: Mikhail Korolik	
6)	Signature: 	Date: <u>9/13/06</u>
	Typed Name: Fred C. Redeker	

Attorney Docket No. LAM2P548B