D \$40,00 1193

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Iqbal A. Shareef	11/08/2007
James V. Tietz	11/08/2007
Vernon Wong	11/08/2007
Richard J. Meinecke	11/08/2007

RECEIVING PARTY DATA

Name:	Lam Research Corporation	
Street Address:	4650 Cushing Parkway	
City:	Fremont	
State/Country:	CALIFORNIA	
Postal Code: 94538		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11938171

CORRESPONDENCE DATA

Fax Number: (408)213-9541

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 4082139540

Email: christine@ipsglaw.com
Correspondent Name: Joseph A. Nguyen
Address Line 1: P.O. Box 700640

Address Line 4: San Jose, CALIFORNIA 95170

ATTORNEY DOCKET NUMBER:	P1590/LMRX-P121
NAME OF SUBMITTER:	Joseph A. Nguyen

Total Attachments: 1

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<u> PATENT</u>

500463786 REEL: 020508 FRAME: 0704

ASSIGNMENT OF PATENT APPLICATION

WHEREAS I/we the undersigned inventor(s) have invented certain new and useful improvements as set for in the patent application entitled:

METHODS FOR PERFORMING ACTUAL FLOW VERIFICATION

(Atty. Docket No. P1590/LMRX-P121) for which I (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, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Lam Research Corporation, a Delaware corporation, doing 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) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), continuation(s)-in-part, substitutes(s) or reissue(s) 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(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our)/signature(s).

6) Authorize ASSIGNEE'S legal representative to insert further identification necessary or desirable for recordation of this document.

			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1)	Date:	11/8/07	Signature:/ Iqbal A. Shareef
2)	Date:	11/8/07	Signature: James V. Tietz
3)	Date:	11-8-07	Signature: Vernon Wong V
4)	Date:	11/8/07	Signature: La Mace C Typed Name: Richard J. Meinecke