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To: Honorable Commissioner of Patents and Trademarks:

0-99	Please record the attached original document(s) or copy thereof.						
1.	Name of conveying party(ies)  a) Tuqiang Ni  b) Nancy Tran						
2.	Name and address of receiving party(ies):  a) Name: Lam Research Corporation Address: 4650 Cushing Parkway, Building CA-1 Fremont, California 94538-6516						
3.	Nature of conveyance  Assignment Merger  Security Agreement Change of Name  License Agreement						
	Execution Date: August 6, 1999 and August 16, 1999						
4.	Application Number(s) or Patent Number(s): 09/340,743						
	The title of the (new) application is:						
A	A METHOD AND APPARATUS FOR SIDE WALL PASSIVATION FOR ORGANIC ETCH						
5.	Please send all correspondence concerning this (these) documents to:						
	HICKMAN STEPHENS & COLEMAN, LLP P.O. Box 52037 Palo Alto, CA 94303-0746 Tel. No.: (650) 470-7430 Fax No.: (650) 470-7440						
6.	Total number of applications and patents involved: 1						
7.	Total fee (37 CFR 3.41): \$40.00						
	Enclosed Authorized to be charged to Deposit Account No. 50-0384 (Order No. LAM1P093)						
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:	August 25, 1999  Paul L. Hickman  Registration No. 28,516						

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## ASSIGNMENT OF PATENT APPLICATION

(Not Accompanying Application)

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

## A METHOD AND APPARATUS FOR SIDE WALL PASSIVATION FOR ORGANIC ETCH

for which I (we) have executed an application for a United States Letters Patent which was filed in the U.S. Patent and Trademark Office on <u>June 28</u>, 1999, and which bears the Application No. <u>09/340,743</u>.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we the undersigned inventor(s) hereby:

- Sell(s), assign(s) and transfer(s) to <u>LAM Research Corporation</u>, a <u>Delaware</u> corporation having a place of business at <u>4650 Cushing Parkway</u>, <u>Building CA-1</u>, <u>Fremont</u>, <u>Ca 94538-6516</u>, (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), 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).

1) Signature: Typed Name: Tuqiang Ni

County of \_\_\_\_\_\_\_, ps.

State of \_\_\_\_\_\_\_, personally appeared \_\_\_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Attorney Docket No. LAM1P093

Signa	ture				į	(SEAL)	
2)	Signature: Typed Name:	Mancy Tran in	fran	D	rate: 8/6/99	Ž	
Coun			,) ) ss.				
State	of		)				
	On this	day of, pe	rsonally appeared		, per	, before me, sonally known to me	
(or pr	roved to me on	the basis of	satisfactory eviden	ce) to be the p	erson whose name	e is subscribed to the	
capac	ity(ies), and the	at by his/her s	ignature on the ins			n his/her authorized upon behalf of which	
the person acted, executed the instrument.							

son acted, executed the instrument.
WITNESS my hand and official seal.