

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Fangli Hao	01/22/2009
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:	12361794
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ATTORNEY DOCKET NUMBER:	80403
NAME OF SUBMITTER:	Thomas D. Robbins
Total Attachments: 1 source=Assignment_Executed#page1.tif	

OP \$40.00 12361794

Serial No.

Attorney Docket No.
P1876

ASSIGNMENT

WHEREAS, I, the undersigned inventor (or one of the undersigned joint inventors), of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, the said application having been executed on the date set forth below; and

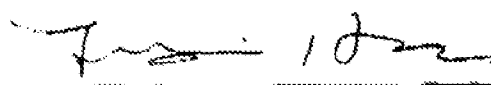
WHEREAS, Lam Research Corporation, a corporation organized and existing under the laws of the State of Delaware, with a place of business at 4650 Cushing Parkway, Fremont, CA, 94538, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to the said Lam Research Corporation, its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to the said Lam Research Corporation, as assignee of my entire right, title and interest.

I also hereby sell and assign to Lam Research Corporation, its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to said Lam Research Corporation, or to its successors, assigns, and legal representatives, any facts known to me respecting said invention, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid said Lam Research Corporation, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries

IN WITNESS WHEREOF, I hereunto set hand and seal this day and year:

TITLE OF INVENTION	PIN LIFTING SYSTEM
SIGNATURE OF INVENTOR AND NAME	 Fangli J. Hao
RESIDENCE (CITY AND STATE)	Cupertino, CA
DATE DECLARATION SIGNED	1/22/09

After recording, return Assignment to:

TR Patents, L.L.C.
PO Box 381
Dunkirk, MD 20754

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