

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Cliff La Croix	11/01/2010
Armen Avoyan	10/29/2010
Duane Outka	10/29/2010
Catherine Zhou	11/01/2010
Hong Shih	10/29/2010
RECEIVING PARTY DATA	
Name:	Lam Research Corporation
Street Address:	4650 Cushing Parkway
City:	Fremont
State/Country:	CALIFORNIA
Postal Code:	94538-6401
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12917794
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ATTORNEY DOCKET NUMBER:	39532.55
NAME OF SUBMITTER:	Eric S. Foster

OP \$40.00 12917794

Total Attachments: 5

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ASSIGNMENT

WHEREAS, we, **Cliff La Croix** of Livermore, California.; **Armen Avoyan** of Glendale, California., **Duane Outka** of Fremont, California; **Catherine Zhou** of Fremont, California; and **Hong Shih** of Walnut, California invented certain new and useful **ELECTRODE SECURING PLATENS AND ELECTRODE POLISHING ASSEMBLIES INCORPORATING THE SAME** for which we executed an application for a United States Patent and for which said application for United States Patent was filed on Nov. 2, 2010, under

Patent Application Serial No. 12/917794

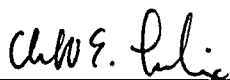
Attorney Docket No. LAR P2103 PA/39532.55;

WHEREAS, we hereby authorize and request the attorney(s) and/or agent(s) empowered to act on our behalf in the aforementioned application, to insert above the filing date and application number of said application, when known;

AND WHEREAS, **Lam Research Corporation**, a corporation of the State of Delaware, with a place of business at 4650 Cushing Parkway, Fremont, California 94538-6401; hereinafter called the Assignee, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

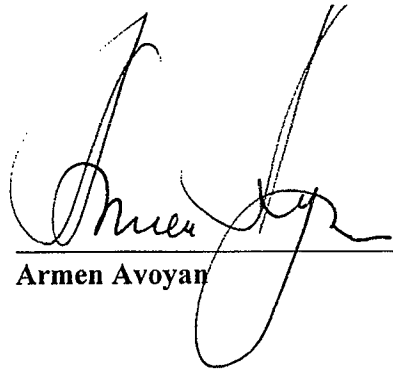
NOW, THEREFORE, for good and valuable consideration, receipt whereof is hereby acknowledged, we hereby sell, assign and transfer unto said Assignee, its successors and assigns, the entire right, title and interest in and to said application and any divisions or continuations thereof, and the inventions therein disclosed, and any improvements thereon, and any patent or patents that may be issued or reissued thereon, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue any letters patent thereon, and reissues thereof, to said Assignee, its successors and assigns; and we hereby authorize said Assignee, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and we hereby agree that, upon request, we will sign all papers, and make all rightful oaths, and do all acts which said Assignee, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

Date: 11-1-10



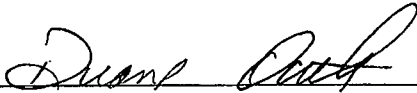
Cliff La Croix

Date: 10/29/10

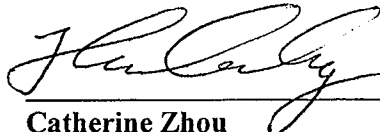

Armen Avoyan

Date:

10/29/2010


Duane Outka

Date: 11/1/2010



Catherine Zhou

Date:

10/29/2010


Hong Shih

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