

PATENT ASSIGNMENT

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| SUBMISSION TYPE: | NEW ASSIGNMENT | | | | | | |
|--|---------------------------------|---------------|----------------|---------------------|------------|--------------------|------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT | | | | | | |
| CONVEYING PARTY DATA | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Rajinder Dhindsa</td> <td>06/28/2007</td> </tr> <tr> <td>Alexei Marakhtanov</td> <td>06/28/2007</td> </tr> </tbody> </table> | | Name | Execution Date | Rajinder Dhindsa | 06/28/2007 | Alexei Marakhtanov | 06/28/2007 |
| Name | Execution Date | | | | | | |
| Rajinder Dhindsa | 06/28/2007 | | | | | | |
| Alexei Marakhtanov | 06/28/2007 | | | | | | |
| RECEIVING PARTY DATA | | | | | | | |
| Name: | Lam Research Corporation | | | | | | |
| Street Address: | 4650 Cushing Parkway | | | | | | |
| City: | Fremont | | | | | | |
| State/Country: | CALIFORNIA | | | | | | |
| Postal Code: | 94538 | | | | | | |
| PROPERTY NUMBERS Total: 1 | | | | | | | |
| <table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11770658</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 11770658 | | |
| Property Type | Number | | | | | | |
| Application Number: | 11770658 | | | | | | |
| CORRESPONDENCE DATA | | | | | | | |
| Fax Number: | (408)213-9541 | | | | | | |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | |
| Phone: | 4082139540 | | | | | | |
| Email: | Christine@ipsglaw.com | | | | | | |
| Correspondent Name: | Joseph A. Nguyen | | | | | | |
| Address Line 1: | P.O. Box 700640 | | | | | | |
| Address Line 4: | San Jose, CALIFORNIA 95170-0640 | | | | | | |
| ATTORNEY DOCKET NUMBER: | LMRX-P130/P1640 | | | | | | |
| NAME OF SUBMITTER: | Joseph A. Nguyen | | | | | | |
| Total Attachments: 1 source=LMRX-P130AA-US-20070628-MP-signed Assign#page1.tif | | | | | | | |

OP \$40.00 11770658

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:



EDGE RING ARRANGEMENTS FOR SUBSTRATE PROCESSING

(Atty. Docket No. LMRX-P130/P1640) 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.
- 6) Authorize ASSIGNEE'S legal representative to insert further identification necessary or desirable for recordation of this document.

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

- | | | |
|----|----------------------|---|
| 1) | Date: <u>6/28/07</u> | Signature:  |
| | | Typed Name: <u>Rajinder Dhindsa</u> |
| 2) | Date: <u>6/28/07</u> | Signature:  |
| | | Typed Name: <u>Alexei Marakhtanov</u> |