

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>DONGHO HEO</td> <td>10/10/2006</td> </tr> <tr> <td>JISOO KIM</td> <td>10/10/2006</td> </tr> <tr> <td>S.M. REZA SADJADI</td> <td>10/10/2006</td> </tr> </tbody> </table>		Name	Execution Date	DONGHO HEO	10/10/2006	JISOO KIM	10/10/2006	S.M. REZA SADJADI	10/10/2006
Name	Execution Date								
DONGHO HEO	10/10/2006								
JISOO KIM	10/10/2006								
S.M. REZA SADJADI	10/10/2006								
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>11934023</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11934023				
Property Type	Number								
Application Number:	11934023								
CORRESPONDENCE DATA									
Fax Number:	(408)255-8002								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Email:	LABANADOR@BEYERLAW.COM								
Correspondent Name:	BEYER WEAVER LLP								
Address Line 1:	P.O. BOX 70250								
Address Line 4:	OAKLAND</city>, CALIFORNIA 94612-0250								
ATTORNEY DOCKET NUMBER:	LAM1P237D1/P1564D1								
NAME OF SUBMITTER:	Bernadette Lee								
Total Attachments: 2 source=LAM1P237D1_ParentAssignment#page1.tif source=LAM1P237D1_ParentAssignment#page2.tif									

CH \$40.00 11934023

**ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-**

Commissioner of Patents:

Please record the attached document.

1. Name of conveying party:
a) Dongho Heo
b) Jisoo Kim
c) S.M. Reza Sadjadi

2. Name and address of receiving party:
a) Name: Lam Research Corporation
Address: 4650 Cushing Parkway
Fremont, CA 94538

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____ License Agreement

Execution Date: October 10, 2006

4. Application Number or Patent Number: Unassigned

The title of the application is: DE-FLUORIDATION PROCESS

5. Please send all correspondence concerning this document to:


**Beyer Weaver & Thomas, LLP
P.O. Box 70250
Oakland, CA 94612-0250
Customer Number: 022434**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed.
 Charge to Deposit Account No. 500388 (Order No. _____).
 Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. LAM1P237).

Date: October 10, 2006



Michael B.K. Lee
Registration No. 31,846

Total number of pages including this cover sheet, attachments and documents: 2

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

DE-FLUORIDATION PROCESS

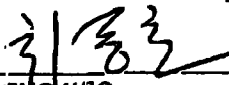

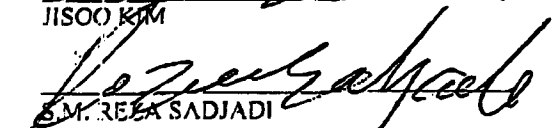
(Atty. Docket No. LAM1P237/P1564,

- for which I have executed a U.S. patent application on even date herewith.
 which bears U.S. application No. _____.
 which is a U.S. provisional application.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:

- 1) Sell, assign and transfer to Lam Research Corporation, a Delaware corporation having a place of business at 4650 Cushing Parkway, Fremont, CA 94538 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue 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 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 representatives, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

- 1) Signature:  Date: 10/10/06
Typed Name: DONGHO HEO
- 2) Signature:  Date: 10/10/06
Typed Name: JISOO KIM
- 3) Signature:  Date: 10-10-06
Typed Name: S.M. REZA SADJADI