

**PATENT ASSIGNMENT**

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT						
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT						
<b>CONVEYING PARTY DATA</b>							
<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>Arnold Kholodenko</td> <td>11/14/2008</td> </tr> <tr> <td>Cheng-Yu Sean Lin</td> <td>03/23/2009</td> </tr> </tbody> </table>		Name	Execution Date	Arnold Kholodenko	11/14/2008	Cheng-Yu Sean Lin	03/23/2009
Name	Execution Date						
Arnold Kholodenko	11/14/2008						
Cheng-Yu Sean Lin	03/23/2009						
<b>RECEIVING PARTY DATA</b>							
<b>Name:</b>	Lam Research Corporation						
<b>Street Address:</b>	4650 Cushing Parkway						
<b>City:</b>	Fremont						
<b>State/Country:</b>	CALIFORNIA						
<b>Postal Code:</b>	94538						
<b>PROPERTY NUMBERS Total: 1</b>							
<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>12340394</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12340394		
Property Type	Number						
Application Number:	12340394						
<b>CORRESPONDENCE DATA</b>							
<b>Fax Number:</b>	(408)749-6901						
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<b>ATTORNEY DOCKET NUMBER:</b>	LAM2P609B						
<b>NAME OF SUBMITTER:</b>	Albert S. Penilla, Esq.						
<b>Total Attachments: 2</b> source=LAM2P609B_Assignment_Efile#page1.tif source=LAM2P609B_Assignment_Efile#page2.tif							

CH \$40.00 12340394

# ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas we the undersigned inventors have invented certain new and useful improvements as set forth in the patent application entitled:

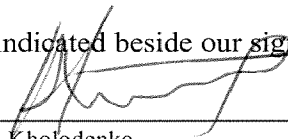
## **Methods of Configuring a Proximity Head That Provides Uniform Fluid Flow Relative to a Wafer**

(Atty. Docket No. LAM2P609B/P1636B) for which 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, we the undersigned inventors 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 U.S.** (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 we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the dates indicated beside our signatures.

- 1) Signature:  \_\_\_\_\_ Date: 11/14/02  
Typed Name: Arnold Kholodenko
- 2) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Cheng-Yu (Sean) Lin

## ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas we the undersigned inventors have invented certain new and useful improvements as set forth in the patent application entitled:

### Methods of Configuring a Proximity Head That Provides Uniform Fluid Flow Relative to a Wafer

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- 1) Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Typed Name: Arnold Kholodenko
- 2) Signature: Cheng-Yu Lin \_\_\_\_\_ Date: 3/23/2009  
Typed Name: Cheng-Yu (Sean) Lin

Attorney Docket No. LAM2P609B /P1636B