

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																																						
NATURE OF CONVEYANCE:	ASSIGNMENT																																						
CONVEYING PARTY DATA																																							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr><td>Hung Chih Chen</td><td>12/13/2004</td></tr> <tr><td>Steven M. Zuniga</td><td>01/03/2005</td></tr> <tr><td>Charles C. Garretson</td><td>01/07/2005</td></tr> <tr><td>Douglas R. McAllister</td><td>01/14/2005</td></tr> <tr><td>Jian Lin</td><td>02/08/2005</td></tr> <tr><td>Stacy Meyer</td><td>01/11/2005</td></tr> <tr><td>Sidney P. Huey</td><td>12/23/2004</td></tr> <tr><td>Jeonghoon Oh</td><td>01/03/2005</td></tr> <tr><td>Trung T. Doan</td><td>12/14/2004</td></tr> <tr><td>Jeffrey Schmidt</td><td>02/02/2005</td></tr> <tr><td>Martin S. Wohlert</td><td>12/14/2004</td></tr> <tr><td>Kerry F. Hughes</td><td>12/14/2004</td></tr> <tr><td>James C. Wang</td><td>12/16/2004</td></tr> <tr><td>Danny Cam Toan Lu</td><td>01/20/2005</td></tr> <tr><td>Romain Beau De Lamenie</td><td>01/19/2005</td></tr> <tr><td>Venkata R. Balagani</td><td>12/17/2004</td></tr> <tr><td>Aden Martin Allen</td><td>01/20/2005</td></tr> <tr><td>Michael Jon Fong</td><td>01/20/2005</td></tr> </tbody> </table>		Name	Execution Date	Hung Chih Chen	12/13/2004	Steven M. Zuniga	01/03/2005	Charles C. Garretson	01/07/2005	Douglas R. McAllister	01/14/2005	Jian Lin	02/08/2005	Stacy Meyer	01/11/2005	Sidney P. Huey	12/23/2004	Jeonghoon Oh	01/03/2005	Trung T. Doan	12/14/2004	Jeffrey Schmidt	02/02/2005	Martin S. Wohlert	12/14/2004	Kerry F. Hughes	12/14/2004	James C. Wang	12/16/2004	Danny Cam Toan Lu	01/20/2005	Romain Beau De Lamenie	01/19/2005	Venkata R. Balagani	12/17/2004	Aden Martin Allen	01/20/2005	Michael Jon Fong	01/20/2005
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RECEIVING PARTY DATA																																							
Name:	Applied Materials, Inc.																																						
Street Address:	3050 Bowers Avenue, M/S 1269																																						
City:	Santa Clara																																						
State/Country:	CALIFORNIA																																						
Postal Code:	95054																																						
PROPERTY NUMBERS Total: 1																																							
Property Type	Number																																						
Application Number:	13305589																																						

PATENT

**CORRESPONDENCE DATA**

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Email: apsi@fr.com

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08383D02/AGS/22558-020004

NAME OF SUBMITTER:

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Total Attachments: 4

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**ASSIGNMENT FOR APPLICATION FOR PATENT**

**WHEREAS:**

**Names and Addresses of Inventors:**

Hung Chih Chen 2419 Karen Drive #1 Santa Clara, California 95050
Steven M. Zuniga 351 Los Robles Road Soquel, California 95073
Charles C. Garretson 1384 Hester Avenue San Jose, CA 95126
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Venkata R. Balagani 1340 Longmeadow Dr Gilroy, CA 95020
Aden Martin Allen 4336 Park Boulevard Oakland, CA 94602
Michael Jon Fong 280A Morning Sun Avenue Mill Valley, CA 94941

(hereinafter referred to as Assignors), have invented a certain invention entitled:

**RETAINING RING WITH SHAPED SURFACE**

for which application for Letters Patent in the United States was filed on 11/12/2004, under Serial

No. 10/988,211 executed on even date herewith; and

WHEREAS, Applied Materials, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as the Application), and the invention disclosed therein (hereinafter referred to as the Invention); and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as the Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

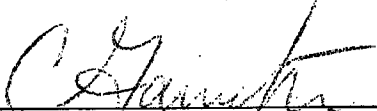
Date: Dec 13, 2004

  
HUNG CHIH CHEN

Date: 1/3/05

  
STEVEN M. ZUNIGA

Date: 1/7/05

  
CHARLES C. GARRETSON

Date: 1/14/05

  
DOUGLAS R. MCALLISTER

Date:

5/8/05

JIAN LIN

Date:

1-11-05

STACY MEYER

Date:

12-23-04

SIDNEY P. EUEY

Date:

1/03/05

JEONGHOON OH

Date:

12-14/04

TRUNG T. DOAN

Date:

2-2-05

JEFFREY SCHMIDT

Date:

12-14-04

MARTIN S. WOHLERT

Date:

12-14-04

KERRY F. HUGHES

Date:

12/16/04

JAMES C. WANG

Date:

01/20/05

DANIEL CAM TOAN LU

Date:


01/19/05

ROMAIN BEAU DE LAMENIE

01/19/05

Michael J. Roy

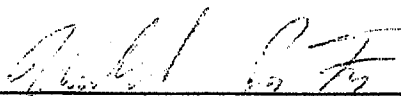
Date: 12/17/04

  
VENKATA R. BALAGANI

Date: 1/20/05

  
ADEN MARTIN ALLEN

Date: 1/20/05

  
MICHAEL JON FONG

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