

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tetsuya ISHIKAWA	07/11/2005
Rick J. ROBERTS	07/20/2005
Helen R. ARMER	07/11/2005
Leon VOLFOVSKI	07/11/2005
Jay D. PINSON	07/18/2005
Mike RICE	06/17/2005
David H. QUACH	07/11/2005
Mohsen S. SALEK	07/11/2005
Robert LOWRANCE	07/07/2005
John A. BACKER	06/15/2005
William Tyler WEAVER	06/10/2005
Charles CARLSON	06/10/2005
Chongyang WANG	07/22/2005
Jeffrey HUDGENS	07/07/2005
Harald HERCHEN	07/19/2005
Brian C. LUE	07/13/2005

RECEIVING PARTY DATA

Name:	Applied Materials, Inc.
Street Address:	3050 Bowers Avenue
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12254784

CORRESPONDENCE DATA

501490995

PATENT
REEL: 026076 FRAME: 0482

OP \$40.00 12254784

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Address Line 1: 3040 Post Oak Blvd

Address Line 2: SUITE 1500

Address Line 4: HOUSTON, TEXAS 77056

ATTORNEY DOCKET NUMBER:

APPM/009540.D5

NAME OF SUBMITTER:

Joseph J. Stevens

Total Attachments: 9

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	TETSUYA ISHIKAWA 20072 Kilbride Drive Saratoga, CA 95070	2)	RICK J. ROBERTS 2146 W Hedding St. San Jose, California 95128
3)	HELEN R. ARMER 19000 Tilson Avenue Cupertino, California 95014	4)	LEON VOLFOVSKI 2149 Junction Avenue, #4 Mountain View, California 94043
5)	JAY D. PINSON 6879 Queenswood Way San Jose, California 95120	6)	MIKE RICE 1025 Via Di Salerno Pleasanton, California 94566
7)	DAVID H. QUACH 1205 Swinging Gate Court San Jose, California 9512	8)	MOHSEN S. SALEK 19891 Robin Way Saratoga, California 95070
9)	ROBERT LOWRANCE 15822 Edmund Drive Los Gatos, California 95032	10)	JOHN A. BACKER 3405 Cortese Circle San Jose, 95127
11)	WILLIAM TYLER WEAVER 1608 Grayford Street Austin, Texas 78724	12)	CHARLES CARLSON 107 San Mateo Tr. Cedar Park, Texas 78613
13)	CHONGYANG WANG 3557 Rue Chene D'or San Jose, CA 95148	14)	JEFFREY HUDGENS 236 W. Portal Avenue, #439 San Francisco, CA 95127
15)	HARALD HERCHEN 927 LUNDY LN LOS ALTOS, CA 94024	16)	BRIAN C. LUE 284 Mountain View Ave. Mountain View, CA 94041

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

CLUSTER TOOL ARCHITECTURE FOR PROCESSING A SUBSTRATEfor which application for Letters Patent in the United States was filed on, April 22, 2005
under Serial No. 11/112,281, executed on even date herewith; andWHEREAS, 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 Application), and the invention disclosed therein (hereinafter referred to as 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 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 conventional, 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 conventional, 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.

1)	<u>7/11/2005</u> (DATE)	<u>Tetsuya Ishikawa</u> TETSUYA ISHIKAWA
2)	<u>7/20/05</u> (DATE)	<u>Rick J. Roberts</u> RICK J. ROBERTS
3)	<u>7/11/2005</u> (DATE)	<u>Helen R. Armer</u> HELEN R. ARMER
4)	<u>7.11.05</u> (DATE)	<u>Leon Volfovski</u> LEON VOLFOVSKI
5)	<u>7/18/05</u> (DATE)	<u>Jay D. Binson</u> JAY D. BINSON
6)	<u>6/17/05</u> (DATE)	<u>Michael Rice</u> MICHAEL RICE
7)	<u>7/4/05</u> (DATE)	<u>David H. Quach</u> DAVID H. QUACH
8)	<u>7-11-05</u> (DATE)	<u>Mohsen S. Salek</u> MOHSEN S. SALEK
9)	<u>7/7/05</u> (DATE)	<u>Robert Lowrance</u> ROBERT LOWRANCE
10)	<u>15 June 05</u> (DATE)	<u>John A. Backer</u> JOHN A. BACKER
11)	_____ (DATE)	_____ WILLIAM TYLER WEAVER
12)	_____ (DATE)	_____ CHARLES CARLSON
13)	_____ (DATE)	_____ CHONGYANG WANG
14)	<u>7/7/2005</u> (DATE)	<u>Jeffrey Hudgens</u> JEFFREY HUDGENS
15)	<u>7/19/05</u> (DATE)	<u>Harald Herchen</u> HARALD HERCHEN
16)	<u>7/13/05</u> (DATE)	<u>Brian Lue</u> BRIAN LUE
16)	_____ (DATE)	_____ JOHN A. BACKER

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

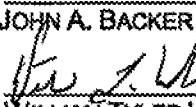

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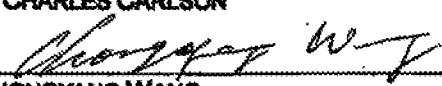
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