PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Abraham Ravid	12/07/2006
Boguslaw A. Swedek	12/11/2006
Jeffrey Drue David	12/06/2006
Jun Qian	12/06/2006
Ingemar Carlsson	12/07/2006
Dominic J. Benvegnu	12/07/2006
Harry Q. Lee	12/07/2006
Lakshmanan Karuppiah	12/12/2006

RECEIVING PARTY DATA

Name:	Applied Materials, Inc.
Street Address:	3225 Oakmead Village Drive
Internal Address:	M/S 1269
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12822096

CH $40.00 12822096

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	10681C01/CMP/05542-651002
NAME OF SUBMITTER:	David Goren

Total Attachments: 3
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Case # 010681/PPC/CMP/05542-651001

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

Abraham Ravid
19756 Wheaton Drive
Cupertino, California 95014

Boguslaw A. Swedek
10135A El Prado Way
Cupertino, CA 95014

Jeffrey Drue David
2208 Marques Avenue
San Jose, CA 95125

Jun Qian
~~1000 Kiely Boulevard, No. 47~~ 575 Dublin Way
~~Santa Clara, CA 95051~~ Sunnyvale, CA 94087
JQ.

Ingemar Carlsson
3474 Spring Creek Lane
Milpitas, California 95035

Dominic J. Benvegnu
241 Beverly Drive
La Honda, CA 94020

Harry Q. Lee
1501 Ben Roe Drive
Los Altos, CA 94024

Lakshmanan Karuppiah
2720 Sycamore Grove Place
San Jose, CA 95121

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

Determining Physical Property of Substrate
for which application for Letters Patent in the United States was filed on, under Serial No.,

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: 12/7/2006 Avi Ravid
ABRAHAM RAVID

Date: 12/11/06
BOGUSLAW A. SWEDEK

Date: 12/6/06
JEFFREY DRUE DAVID

Date: 12/6/06
JUN QIAN

Date: 12/7/06 Ingemar Carlsson
INGEMAR CARLSSON

Date: 12/7/06
DOMINIC J. BENVEGNU

Date: 12/7/06
HARRY Q. LEE

Date: 12/12/2006

LAKSHMANAN KARUPPIAH

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