

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEAN R. VATUS	05/23/2010
JINSONG TANG	05/25/2010
YIHWAN KIM	05/21/2010
SATHEESH KUPPURAO	05/21/2010
ERROL SANCHEZ	05/21/2010
RECEIVING PARTY DATA	
Name:	Applied Materials, Inc.
Street Address:	Legal Affairs Dept.
Internal Address:	P.O. Box 450-A
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95052
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12717266
CORRESPONDENCE DATA	
Fax Number:	(408)986-3090
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	408-563-2726
Email:	jo_ann_cottrell@amat.com
Correspondent Name:	Applied Materials, Inc.
Address Line 1:	Legal Affairs Dept
Address Line 2:	P.O. Box 450-A
Address Line 4:	Santa Clara, CALIFORNIA 95052
ATTORNEY DOCKET NUMBER:	13978/FEP/EPI

CH \$40.00 12717266

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**PATENT
 REEL: 024914 FRAME: 0775**

NAME OF SUBMITTER:

JO ANN COTTRELL

Total Attachments: 6

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Name and Address
of Inventors:

- | | |
|---|---|
| 1) JEAN R. VATUS
1287 Yosemite Ave.
San Jose, CA 95126 | 4) SATHEESH KUPPURAO
4578 Piper Dr.
San Jose, CA 95129 |
| 2) JINSONG TANG
303 Charlotte Cmn.
Livermore, CA 94550 | 5) ERROL SANCHEZ
324 Jill Drive
Tracy, CA 95377 |
| 3) YIHWAN KIM
825 Heavenly Place
Milpitas, CA 95035 | |

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

METHODS FOR DEPOSITING LAYERS HAVING REDUCED INTERFACIAL CONTAMINATION

for which we have filed an application for a Patent of the United States on March 4, 2010,
Serial No. 12/717,266; 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 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 Assignor, 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 Assignor 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 Assignor 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

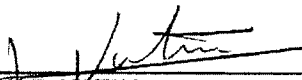
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prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference 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.

- 1) May 7³, 2010 
JEAN R. VATUS
- 2) _____, 2010 _____
JINSONG TANG
- 3) _____, 2010 _____
YIHWAN KIM
- 4) _____, 2010 _____
SATHEESH KUPPURAO
- 5) _____, 2010 _____
ERROL SANCHEZ

Case No. 13978/FEP/EPI

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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.

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JEAN R. VATUS

2) 5/25 _____, 2010

JINSONG TANG

3) _____, 2010

YIHWAN KIM

4) _____, 2010

SATHEESH KUPPURAO

5) _____, 2010

ERROL SANCHEZ

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of Inventors:

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JINSONG TANG

3) 05/21, 2010




YIHWAN KIM

4) 5/21/, 2010



SATHEESH KUPPURAO

5) 05/21, 2010



ERROL SANCHEZ