

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Callie A. Schieffer</td> <td>02/10/2011</td> </tr> <tr> <td>Ismail T. Emesh</td> <td>02/10/2011</td> </tr> </tbody> </table>		Name	Execution Date	Callie A. Schieffer	02/10/2011	Ismail T. Emesh	02/10/2011						
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Applied Materials, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>3050 Bowers Avenue</td> </tr> <tr> <td>Internal Address:</td> <td>P.O. Box 58039</td> </tr> <tr> <td>City:</td> <td>Santa Clara</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95054-3299</td> </tr> </table>		Name:	Applied Materials, Inc.	Street Address:	3050 Bowers Avenue	Internal Address:	P.O. Box 58039	City:	Santa Clara	State/Country:	CALIFORNIA	Postal Code:	95054-3299
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (206)224-0779</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (206)682-8100</p> <p>Email: efiling@cojk.com</p> <p>Correspondent Name: Emily C. Peyser, Esq.</p> <p>Address Line 1: Christensen O'Connor Johnson Kindness</p> <p>Address Line 2: 1420 Fifth Avenue, Suite 2800</p> <p>Address Line 4: Seattle, WASHINGTON 98101-2347</p>													
ATTORNEY DOCKET NUMBER:	SEMT136198/P11-0001												
NAME OF SUBMITTER:	Emily C. Peyser												
<p>Total Attachments: 3</p> <p>source=36198_Assignment#page1.tif</p>													

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PATENT
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ASSIGNMENT

WHEREAS, we, Callie A. Schieffer, residing at 41 Pleasant View Drive, Kalispell, Montana 59901; and Ismail T. Emesh, residing at 739 East El Camino Real, Sunnyvale, California 94087, are the inventors named in an application for Letters Patent of the United States entitled SEED LAYER PASSIVATION, and we hereby authorize our attorneys of the firm of Christensen O'Connor Johnson Kindness^{PLLC}, 1420 Fifth Avenue, Suite 2800, Seattle, Washington 98101, to insert here in parentheses (Application No. 13/025098, filed Feb. 10, 2011) the application number and filing date of said application when known;

AND, WHEREAS, Applied Materials, Inc., a Delaware corporation having principal place of business at 3050 Bowers Avenue, P.O. Box 58039, Santa Clara, California 95054-3299, (hereinafter referred to as ASSIGNEE), is desirous of acquiring our entire right and title to and interest in our invention disclosed in said application;

NOW, THEREFORE, for sufficient, good, and valuable consideration, the receipt of which is hereby acknowledged, we do hereby sell, assign, and transfer unto ASSIGNEE our entire right and title to and interest in said application and said invention, including the right to apply for international patents and patents thereon in foreign countries in our name or in the name of ASSIGNEE, said invention and all applications and patents on said invention to be held and enjoyed by ASSIGNEE as entirely as the same would have been held and enjoyed by us had this sale, assignment, and transfer not been made; and we do hereby further agree and promise to execute all instruments and render all such assistance as ASSIGNEE may request in order to make and prosecute any and all applications on said invention, to enforce any and all patents on said invention, and to confirm in ASSIGNEE legal title to said invention and all applications and patents on said invention, all without charge to ASSIGNEE but at no expense to us.

Executed at Kalispell (city), Montana (state), this 10th day of February, 2011.

Callie Schieffer
Callie A. Schieffer

STATE OF MONTANA)

COUNTY OF FLATHEAD) ss.

I certify that I know or have satisfactory evidence that Callie A. Schieffer is the person who appeared before me, and said person acknowledged that she signed this instrument and acknowledged it to be her free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: 2-10-2011

(Seal or stamp) Diane E. Bokor Signature
Notary Public
My appointment expires 6-7-2011



DIANE E. BOKOR
NOTARY PUBLIC for the
State of Montana
Residing at Kalispell, Montana
My Commission Expires June 9, 2011

Executed at Santa clara (city), CA (state), this 10 day of 2/, 2011.

Ismail T. Emesh
Ismail Emesh

STATE OF _____)
) ss.
COUNTY OF _____)

see attached

I certify that I know or have satisfactory evidence that Ismail Emesh is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated: _____

(Seal or stamp)

Signature
Notary Public
My appointment expires _____

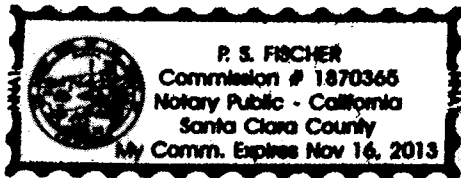
ECP:snh

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara }

On February 10, 2011 before me, P.S. Fischer Notary Public
Date Here Insert Name and Title of the Officer
personally appeared Ismail Tanfeik Emesh
Name(s) of Signer(s)



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Place Notary Seal Above

Signature P.S. Fischer

Signature of Notary Public

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document: Patent Assignment

Document Date: signature date: 2/10/2011 Number of Pages: 1 - double sided

Signer(s) Other Than Named Above: unsigned: Callie A. Schieffer

Capacity(ies) Claimed by Signer(s)

Signer's Name: Ismail Tanfeik Emesh

☒ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: self

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

Signer's Name: _____

☐ Individual

☐ Corporate Officer — Title(s): _____

☐ Partner — ☐ Limited ☐ General

☐ Attorney in Fact

☐ Trustee

☐ Guardian or Conservator

☐ Other: _____

Signer Is Representing: _____

RIGHT THUMBPRINT
OF SIGNER

Top of thumb here

PATENT

RECORDED: 02/11/2011

REEL: 025796 FRAME: 0492