

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3282542

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROEY SHAVIV	03/19/2015
ISMAIL T. EMESH	03/20/2015
DIMITRIOS ARGYRIS	03/23/2015
SERDAR AKSU	03/19/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	APPLIED Materials, Inc.
<b>Street Address:</b>	3050 Bowers Avenue
<b>City:</b>	Santa Clara
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	95054
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14637290
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)224-0779
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Email:</b>	efiling@cojk.com
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<b>ATTORNEY DOCKET NUMBER:</b>	SEMT152887
<b>NAME OF SUBMITTER:</b>	EMILY C. PEYSER
<b>SIGNATURE:</b>	/Emily C. Peyser/
<b>DATE SIGNED:</b>	03/25/2015
<b>Total Attachments: 5</b>	
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ASSIGNMENT

WHEREAS, we, Roey Shaviv, Ismail T. Emesh, Dimitrios Argyris, and Scrdar Aksu, are the inventors named in an application for Letters Patent of the United States entitled METHOD FOR ELECTROCHEMICALLY DEPOSITING METAL ON A REACTIVE METAL FILM, Application No. 14/637290, filed on March 3, 2015;

AND, WHEREAS, **APPLIED Materials, Inc.**, a Delaware corporation having a principal place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (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.

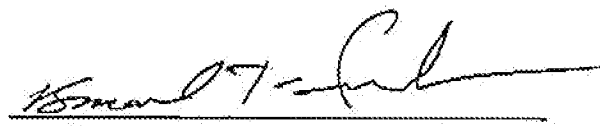
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Executed at santa Clara (city), CA (state), this 19 day  
of March, 2015.

  
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Remy Shaviv

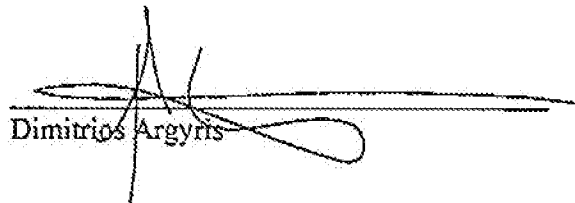
\*\*\*\*\*

Executed at Santa Clara (city), CA (state), this 20 day  
of March, 2015.

  
Ismail T. Emesh


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Executed at Santa Clara (city), CA (state), this 23 day  
of March, 2015.

  
Dimitrios Argyris

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Executed at Santa Clara (city), CA (state), this 19 day  
of March, 2015.

  
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Serdar Aksu

ECP:nmd

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