

PATENT ASSIGNMENT

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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>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Stephan Bangert</td> <td>06/18/2008</td> </tr> <tr> <td>Jose Manuel Dieguez-Campo</td> <td>06/19/2008</td> </tr> <tr> <td>Michael Koenig</td> <td>06/30/2008</td> </tr> <tr> <td>Nety M. Krishna</td> <td>06/19/2008</td> </tr> <tr> <td>Byung-Sung Leo Kwak</td> <td>06/19/2008</td> </tr> </tbody> </table>		Name	Execution Date	Stephan Bangert	06/18/2008	Jose Manuel Dieguez-Campo	06/19/2008	Michael Koenig	06/30/2008	Nety M. Krishna	06/19/2008	Byung-Sung Leo Kwak	06/19/2008
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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													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12130572</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12130572								
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CORRESPONDENCE DATA													
Fax Number:	(202)842-7899												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	7205664247												
Email:	sbitler@cooley.com												
Correspondent Name:	Cooley Godward Kronish LLP												
Address Line 1:	777 6th Street NW, Suite 1100												
Address Line 2:	Attn: Eamonn Gardner, Esq.												
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20001												
ATTORNEY DOCKET NUMBER:	APPL-030/00US 304068-2098												
NAME OF SUBMITTER:	Wayne Stacy												

CH \$40.00 12130572

Total Attachments: 3

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ASSIGNMENT

Stefan Bangert, residing at Seidenroether Strasse 6, 36396 Steinau, Germany; Jose Manuel Dieguez-Campo, residing at Sandgasse 59, 63457 Hanau, Germany; Michael Koenig, residing at Saarbrücker Strasse 5, 60529 Frankfurt, Germany; Nety M. Krishna, 1345 Floyd Avenue, Sunnyvale, CA 94087 USA; and Byung-Sung Leo Kwak, 9723 NW Henry Court, Portland, OR 97229 USA (each referred to as "Assignor") have made an invention (the "Invention") set forth in an application for patent of the United States, entitled **ARRANGEMENT AND METHOD FOR REMOVING ALKALI- OR ALKALINE EARTH-METALS FROM A VACUUM COATING CHAMBER**, and which is a:

- (1) provisional application
 - (a) to be filed herewith; or
 - (b) bearing Application No. , and filed on ; or
- (2) non-provisional application
 - (a) to be filed herewith; or
 - (b) bearing Application No. 12/130,572, and filed on May 30, 2008.

WHEREAS, APPLIED MATERIALS, INC. a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business at 3050 Bowers Avenue, Santa Clara, CA 95054 (the "Assignee"), is desirous of acquiring the entire right, title, and interest in: the Invention; the application for patent identified in paragraph (1) or (2); the right to file applications for patent of the United States or other countries on the Invention; any application for patent of the United States or other countries claiming priority to these application; any provisional or other right to recover damages, including royalties, for prior infringements of these applications; and any patent of the United States or other countries that may be granted therefor or thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, and to the extent that the Assignor has not done so already via a prior agreement with the Assignee, or if the Assignor has already done so via a prior agreement with the Assignee then in confirmation of any obligation to do so in said prior agreement, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns, the Assignor's entire right, title, and interest in:

- (a) the Invention;
- (b) the application for patent identified in paragraph (1) or (2);
- (c) the right to file applications for patent of the United States or other countries on the Invention, including all rights under the Paris Convention for the Protection of Industrial Property and under the Patent Cooperation Treaty;
- (d) any application for patent of the United States or other countries claiming the Invention;

(e) any application for patent of the United States or other countries claiming priority to the application for patent identified in paragraph (1) or (2) or any application for patent claiming the Invention, including any division, continuation, and continuation-in-part; and

(f) any provisional or other right to recover damages, including royalties, for prior infringements of any application for patent identified in the preceding paragraphs (b)-(e); and

(g) any patent of the United States or other countries that may be granted for or on any application for patent identified in the preceding paragraphs (b) – (e), including any reissue and extension of said patent.

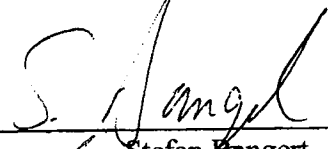
The above-granted rights, titles, and interests are to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, as fully and entirely as the same would have been held and enjoyed by the Assignor had this sale and assignment not been made.

The Assignor hereby represents to the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, or if applicable, at such time said prior agreement was executed, the Assignor is a lawful owner of an undivided interest in the entire right, title, and interest in and to the Invention, that the Invention are unencumbered, except, if applicable, by obligation to assign in accordance with said prior agreement, and that the Assignor has good and full right and lawful authority to sell and convey the same in the manner set forth herein.

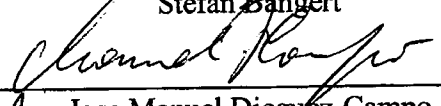
The Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that the Assignor will sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done in connection with any and all proceedings for the procurement, maintenance, enforcement and defense of the Invention, said applications, and said patents, including interference proceedings, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns.

The Assignor hereby requests the Commissioner of Patents to issue said patents of the United States to the Assignee for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

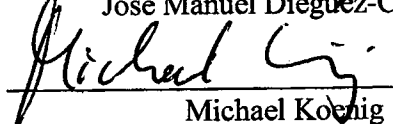
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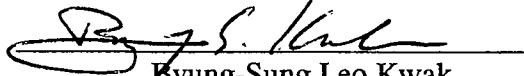
Date: 06/30/2008

By: 
Michael Koenig

Date: 19 JUNE 2008

By: 
Nety M. Krishna

Date: June 19, 2008

By: 
Byung-Sung Leo Kwak