

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>Yoichiro Yasuda</td> <td>03/15/2007</td> </tr> <tr> <td>Toshiyuki Tsukamoto</td> <td>03/30/2007</td> </tr> <tr> <td>Masamori Sanaka</td> <td>03/29/2007</td> </tr> <tr> <td>Horishi Asechi</td> <td>03/23/2007</td> </tr> <tr> <td>Atsuhiko Ogura</td> <td>04/06/2007</td> </tr> </tbody> </table>		Name	Execution Date	Yoichiro Yasuda	03/15/2007	Toshiyuki Tsukamoto	03/30/2007	Masamori Sanaka	03/29/2007	Horishi Asechi	03/23/2007	Atsuhiko Ogura	04/06/2007
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Toshiyuki Tsukamoto	03/30/2007												
Masamori Sanaka	03/29/2007												
Horishi Asechi	03/23/2007												
Atsuhiko Ogura	04/06/2007												
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>11573257</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11573257								
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CORRESPONDENCE DATA													
Fax Number:	(732)935-7122												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	7329357100												
Email:	ataboada@moseriplaw.com												
Correspondent Name:	Alan Taboada												
Address Line 1:	1040 Broad Street												
Address Line 2:	Second Floor												
Address Line 4:	Shrewsbury, NEW JERSEY 07702												
ATTORNEY DOCKET NUMBER:	SOEI/050266												
NAME OF SUBMITTER:	Alan Taboada												

CH \$40.00 11573257

Total Attachments: 8

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ASSIGNMENT

Whereas, I/we,

<u>Name</u>	<u>Address</u>
1) Yoichiro YASUDA	c/o Applied Materials Japan, Inc., Yokoso Rainbow Tower, 3-20-20, Kaigan, Minato-ku, Tokyo 108-8444 Japan
2) Toshiyuki TSUKAMOTO	1-21-15-303, Nishiogu, Arakawa-ku, Tokyo 116-0011 Japan c/o Applied Materials Japan, Inc.,
3) Masamori SANAKA	Yokoso Rainbow Tower, 3-20-20, Kaigan, Minato-ku, Tokyo 108-8444 Japan c/o Applied Materials Japan, Inc.,
4) Hiroshi ASECHI	Yokoso Rainbow Tower, 3-20-20, Kaigan, Minato-ku, Tokyo 108-8444 Japan c/o Applied Materials Japan, Inc.,
5) Atsuhiko OGURA	Yokoso Rainbow Tower, 3-20-20, Kaigan, Minato-ku, Tokyo 108-8444 Japan

hereinafter called assignor(s), have invented certain improvements in
**METHOD OF DETERMINING THERMAL PROPERTY OF SUBSTRATE AND METHOD OF DECIDING HEAT
TREATMENT CONDITION**

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless
otherwise indicated below:

filed on February 5, 2007, Serial No. 11/573257; and

Whereas

APPLIED MATERIALS INC.
3050, Bowers Avenue,
Santa Clara, CA 95054 United States of America

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States
patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is
hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign,
transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to
this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States
which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of
Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and
assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with
assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal
proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or
desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional,
continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its
successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being
understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and
assigns.

INVENTORSDATE SIGNED

1): Name:	<u>Yoichiro YASUDA</u>	<u>March. 15. 2007</u>
2): Name:	<u>Toshiyuki TSUKAMOTO</u>	
3): Name:	<u>Masamori SANAKA</u>	
4): Name:	<u>Hiroshi ASECHI</u>	<u>3/23/2007</u>

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. § 261)

5):
Name:

Atsuhiro OGURA

ASSIGNMENT

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Name

Address

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Yokoso Rainbow Tower, 3-20-20, Kaigan,
Minato-ku, Tokyo 108-8444 Japan

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4) Hiroshi ASECHI

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1):
Name: Yoichiro YASUDA

2):
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3):
Name: Masamori SANAKA

4):
Name: Hiroshi ASECHI

03/30/07

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Page 2 of 2

PATENT
REEL: 019524 FRAME: 0379

ASSIGNMENT

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Name:

Atsuhiko Ogura
Atsuhiko OGURA

2007/4/6

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Page 2 of 2

RECORDED: 07/06/2007

PATENT
REEL: 019524 FRAME: 0383