

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Dror Shemesh</td><td>05/18/2006</td></tr><tr><td>Michal Eilon</td><td>05/18/2006</td></tr><tr><td>Ekaterina Rechav</td><td>05/18/2006</td></tr><tr><td>Eitan Binyamini</td><td>05/29/2006</td></tr><tr><td>Hen Doozli</td><td>06/04/2006</td></tr></tbody></table>	Name	Execution Date	Dror Shemesh	05/18/2006	Michal Eilon	05/18/2006	Ekaterina Rechav	05/18/2006	Eitan Binyamini	05/29/2006	Hen Doozli	06/04/2006	
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RECEIVING PARTY DATA													
Name:	Applied Materials, Israel, Ltd.												
Street Address:	9 Oppenheimer Street												
City:	Rehovot												
State/Country:	ISRAEL												
Postal Code:	76705												
PROPERTY NUMBERS Total: 1													
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11350516</td></tr></tbody></table>	Property Type	Number	Application Number:	11350516									
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CORRESPONDENCE DATA													
Fax Number:	(408)986-3090												
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NAME OF SUBMITTER:	Maureen Walstra												

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Total Attachments: 2

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PATENT

REEL: 017754 FRAME: 0088

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

(1)	Dror Shemesh 49 Hana Senesh St. Hod Hasharon 45264 Israel	(2)	Michal Eilon 610 Hazait St. Moshav Beit Elazari 76803 Israel
(3)	Hen Doozli 3/5 David Elazar St Nes-Ziona 74027 Israel	(4)	Ekaterina Rechav Menashe Ben Israel 15-b Rehovot, 76567 Israel
5)	Eitan Binyamini 6/3 Amichay Faglin St Tel-Aviv 69584 Israel		

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

"Method for Monitoring Chamber Cleanliness"

for which application for Letters Patent in the United States was filed on 02/09/2006,
under Serial No. 11/350,516, executed on even date herewith; and

WHEREAS, Applied Materials, Israel, Ltd., having a place of business at 9 Oppenheimer, Rehovot, Israel 76705 (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 Assignors, 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 Assignors 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 Assignors 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 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 18, 2006 Dnr
Dror Shemesh

2) May 18, 2006 Michael E.
Michal Eilon

3) June 21, 2006 Hen Doozli
Hen Doozli

4) May 18, 2006 Ekaterina Rechav
Ekaterina Rechav

5) May 29, 2006 Eitan Binyamini
Eitan Binyamini