



102200493

To the Honorable Commissioner of Patents

original documents or copy thereof

JCS971 U.S. PTO
10/209087
07/30/02

1. Name of conveying party(ies):

EXECUTION DATE

Avi Simon June 13, 2002
Alexander Kadyshevitch June 13, 2002

Additional name(s) of conveying Part(ies) attached? No

7-30-02

2. Name and address of receiving party(ies):

Name: Applied Materials, Inc.

Internal Address: Legal Affairs Department - M/S 2061

Street Address: 3050 Bowers Ave.

City: Santa Clara State: CA Zip: 95054

Additional Name(s) & Address(es) attached? No

3. Nature of conveyance;

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Date: See Above

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 7/30/2002

A. Patent Application No.(s) _____ B. Patent No.(s) _____

File Date: _____

Additional Numbers attached? No

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: PATENT COUNSEL

Internal Address: Applied Materials, Inc.

Legal Affairs Department - M/S 2061

Street Address: P. O. Box 450A

City: Santa Clara State: CA Zip: 95052

6. Total number of applications and patent involved: 1

7. Total Fee (37 CFR 3.41) \$40.00

Authorized to be charged to deposit account

8. Deposit Account Number: 50-1074 40E

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and any attached copy is a true copy of the original document.

Robert W. Mulcahy, Reg. No. 25,436 7/30/02

Name of Person Signing Signature Date

10. Total number of pages comprising cover sheet, attachments, and document: 3

Mail documents to be recorded with the required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignment

Washington, D.C. 20231

06/12/2002 6TON11 00000023 501074 10209087

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PATENT
REEL: 013079 FRAME: 0777

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Avi Simon 5 Shoshanat Haamakim St. Rehovot, 73006 ISRAEL	2)	Alexander Kadyshvitch 20/5 Eliyahu Hanavi St. Moddieen, 71700 ISRAEL
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(herein after referred to as Assignors), have invented a certain invention entitled:

"Monitoring of contact hole production "

for which application for Letters Patent in the United States was filed on @ ,
under Serial No. @ , 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:

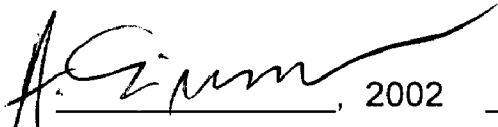

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention 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)		2002	<u>Avi Simon</u>
	June 13		
2)	<u>13/06</u>	2002	 <u>Alexander Kadyshevitch</u>