504018398 09/22/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
BORIS GOLDBERG	05/03/2002
RON NAFTALI	05/03/2002

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

Property Type	Number
Patent Number:	7173694

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	095142-0352488	
NAME OF SUBMITTER:	KIMBERLY M. INGALSBE	
SIGNATURE:	/KIMBERLY M. INGALSBE/	
DATE SIGNED:	09/22/2016	

Total Attachments: 3

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PATENT 504018398 REEL: 039837 FRAME: 0027

	Form PTO 1595	04-04-2002	
	1000		Patent and Trademark Office
	To the Honorable Commissioner o.	102043327	attached original documents or copy thereo.
1.	Name of conveying party(yes):		2. Name and address of receiving party(ies):
	Boris Goldberg EXECUTIO: March 5, 200		Name: Applied Materials, Inc.
	Ron Naftali March 5, 20		Name. Applied Waterlais, Inc.
			Internal Address: Legal Affairs Department - M/S 2061_
Ad	ditional name(s) of conveying Part(ies) attach	ed? No	Street Address: 3050 Bowers Ave.
	3:21	103	City: Santa Clara State: CA Zip: 95054
	0 & 1	i i	
	N		Additional Name(s) & Address(es) attached? No
3.	Nature of conveyance; X Assignment Merger		
	Security Agreement Change of N	lame	
	Other		
	Execution Date: See Above		
4.	Application number(s) or patent number(s):		
	.,	10/1057	40
	If this document is being filed together with	a new application, the	execution date of the application is: $5-2/-02$
	A. Patent Application No.(s)		B. Patent No.(s)
	TI ()		()
	Addi	itional Numbers attache	ed? No
5.	Name and address of party to whom corresp		6. Total number of applications and patent involved:1_
	concerning this document should be mailed:		
	Name: PATENT COUNSEL Internal Address: Applied Materials, Inc.		
	Legal Affairs Department		7. Total Fee (37 CFR 3.41) \$40.00
	Street Address: P. O. Box 450A	1475 2001	X Authorized to be charged to deposit account
	City: Santa Clara State: CA Z	p: 95052	
	,	. ا	8. Deposit Account Number:
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. FC:	581 40.00 CH		(Attach duplicate copy of this page if paying by deposit account)
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9.	Statement and signature.	1	7
То	the best of my knowledge and belief, the fore	eoing information is tr	ue and any attached copy is a true copy of the original
	cument.	1/1/1/1/	
		11/1/1/	half 3/21/02
Rol	bert W. Mulcahy, Reg. No. 25,436	VI JJ V	
	Name of Person Signing	Signature	Date
10.	Total number of pages compris	sing cover sheet, attach	nments, and document: 3
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Mail documents to be recorded with the required cover sheet information to Commissioner of Patents and Trademarks, Box Assignment Washington, D.C. 20231

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses

of Inventors:

1)	Boris Goldberg Renov Ha atzmaut 93/35 Ashdod, 77155 ISRAEL	2)	Ron Naftali Bareket 22, Shoham 73142 ISRAEL
3)		4)	
5)		6)	

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

"Method and System for detecting defects "

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, Inc., a corporation of the State of Delaware, having a place of business at 3050 Bowers Avenue, Santa Clara, California 95054 (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

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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)	- 101, 2002_	Boris Goldberg Inventor name	
2)	Con 1 1/2/1., 2002	Ron Naftali	