FORM PTO-1/19A Expires 06/LJ/99 OMB 0651-0027

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10-29-1998



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U.S. Department of Commerce Patent and Trademark Office

PATENT

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PATENTS ONLY TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).					
			ocument(s) or copy(les).		
Submission T	85 5-22-98	Conveyance Type X Assignment Security A	areement		
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Document Correction	of PTO Error	Change of	Name		
Reel #	Frame #	Merger Other	ent		
Corrective Reel #	Document Frame #	(For Use ONLY by U.S. Govern Departmental File	Secret File		
Conveying Pa	arty(ies)	X Mark if additional names of conveying			
Name (line 1)	Donde, Arik		Month Day Year 11061997		
Name (line 2)					
Second Party			Execution Date Month Day Year		
Name (line 1)	Levinstein, Hyman J.		11051997		
Name (line 2)					
Receiving Pa	rty	Mark if additional name	es of receiving parties attached		
Name (line 1)	Applied Materials, Inc.		If document to be recorded is an assignment and the		
Name (line 2)	receiving party is not domiciled in the United States, an appointment				
Address (line 1)	3050 Bowers Avenue of a domestic representative is attached. (Designation must be a				
Address (line 2)	Mail Stop 2061		separate document from Assignment.)		
Address (line 3)	Santa Clara	CA Sizte/Country	95054 Zip Code		
Domestic Re	presentative Name and A	drace			
Name		Enter for the first Receiving	Party only.		
Address (line 1)					
Address (line 2)					
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FORM PIO- Expires 0c/30/99 OMB 0651-0027	1519B	Page 2	Patent and Trademark Office PATENT
•	nt Name and Address	Area Code and Telephone Number	415 538-1555
Name	Patent Counsel		
Address (line 1)	Legal Affairs Depart	tment	
Address (line 2)	APPLIED MATERIALS, 1	INC.	
Address (line 3)	P.O. Box 450A		
Address (line 4)	Santa Clara, CA 9505	52	
Pages	Enter the total number of paincluding any attachments.	ges of the attached conveyance docu	ument # 9
• •	Number(s) or Patent Nun	ا السناد	if additional numbers attached
	* *	Patent Number (DO NOT ENTER BOTH numbe	
	ent Application Number(s)	Pate	ent Number(s)
09015802			
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	being filed together with a new Pate t named executing inventor.	ent Application, enter the date the patent applic	ation was Month Day Year
Patent Coop	eration Treaty (PCT)	PCT PCT	PCT
	r PCT application number		
	if a U.S. Application Number not been assigned.	PCT PCT	PCT
Number of P	roperties Enter the to	tal number of properties involved.	# 1
Fee Amount	Fee Amount	for Properties Listed (37 CFR 3.41):	\$ 40.00
	of Payment: Encl	osed Deposit Account X	
•	payment by deposit account or if add	ditional fees can be charged to the account.) Deposit Account Number:	# 01–1651
		Authorization to charge additional fees:	Yes X No
Statement a	nd Signature		
To the attache	best of my knowledge and b	elief, the foregoing information is tru original document. Charges to depo	e and correct and any sit account are authorized, as
	K. Janah	apple 2	5718798
	of Person Signing	Signature	Date
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U.S. Department of Commerce Patent and Trademark Office PATENT

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Conveying Par	~	X Mark if additional names of conveying parties attached	j Execution Date
Enter additional Co	enveying Parties		Month Day Year
Name (line 1)	Wu, Robert W.		11121997
Name (line 2)			
<u> </u>			Execution Date Month Day Year
Name (line 1)	Hegedus, Andreas		11071997
Name (line 2)			7
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			Execution Date Month Day Year
Name (line 1)	Weldon, Edwin C.		11071997
Name (line 2)			
Receiving Par	•	Mark if additional names of receiving pa	rties attached
Enter additional R	eceiving Party(ies)		
Name (line 1)			If document to be recorded is an assignment and the
Name (line 2)			receiving party is not domiciled in the United States, an appointment
Address (line 1)			of a domestic representative is attached. (Designation
Address (line i)			must be a separate
Address (line 2)			document from Assignment.)
Address (line 3)	City	State/Country Zip	Code
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Name (line 2)			domiciled in the United States, an appointment of a
Address (line 1)			domestic representative is
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Address (line 2)			Assignment.)
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PATENT

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FORM PTO-1619C Exores 08/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. Department of Commerce Patent and Trademark Office PATENT

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Conveying Par		Mark if additional na	mes of conveying part	ies attached	Execution Date
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Name (line 1)	Shamouilian, Shamou	uil	****		11051997
Name (line 2)					Execution Date Month Day Year
Name (line 1)	Clinton, Jon T.				11051997
Name (line 2)					Execution Date Month Day Year
Name (line 1)	Bedi, Surinder S.				11051997
Name (line 2)					
Receiving Par	ty(ies)	Mark i	if additional names of i	receiving parties	attached
Enter additional R	eceiving Party(ies)	В-с-н <u>адра</u> ния			
Name (line 1)			(16) - Marie M Marie Marie Mar		if document to be recorded is an assignment and the
Name (line 2)					receiving party is not domiciled in the United States, an appointment of a domestic representative
Address (line 1)					is attached. (Designation must be a separate document from
Address (line 2)				<u> </u>	Assignment.)
Address (line 3)	City	Stat	e/Country	Zip Code	
Name (line 1)					If document to be recorded is an assignment and the receiving party is not
Name (line 2)					domiciled in the United States, an appointment of a domestic representative is
Address (line 1)	<u> </u>				attached. (Designation must be a separate document from Assignment.)
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PATENT

REEL: 9372 FRAME: 0468

Form PTO-1595 (Rev. 6-93) MVD OMB No. 0651-001 (exp. 4/94) Docket No.: 527.P3/COMMON ENG/PJS

12-03-1997

To the Honorable Commissioner of Patents and 100582267

d original documents or copy therest.

1.	Name of conveying party(ies)			2. Name and address of receiving party(ies)	
	Arik Donde Hyman J. Lev Robert W. W Andreas Heg	vinstein Sha u Jon	vin C. Weldon mouil Shamouilian i T. Clinton inder S. Bedi		Name: Applied Materials, Inc. Internal Address: Legal Affairs Department
Addi	itional name(s) of	conveying party(ies) at	tached? [] Yes [X] No		
3.	Nature of co	nveyance:			Street Address: 3050 Bowers Avenue
	[X] Assignme	ent []	Merger		Mail Stop 2061
	[] Security	Agreement []	Change of Name		City: Santa Clara State: CA ZIP: 95054
	[] Other				Additional name(s) & address(es) attached? [] Yes [X] No
	Execution Da	ate: November 12	, 1997		
4.	4. Application number(s) or patent number(s): <u>08/755,716</u>				
	If this docum	nent is being filed t	together with a new ap	plicati	on, the execution date of the application is:
	A. Patent Ap	oplication No.(s)			B. Patent No.(s)
			Additional numbers a	ttached	I? [] Yes [X] No
5.		ddress of party to diocument should b	whom correspondence e mailed:	6.	Total number of applications and patents involved: $\underline{1}$
	Name:	Patent Counsel Legal Affairs Dep	partment	7.	Total fee (37 CFR 3.41) \$ 40.00
	APPLIED MATERIALS, INC. Address: P.O. Box 450A Santa Clara, California 95052				[] Enclosed [X] Authorized to be charged to deposit account
			8.	Please charge any additional fees or credit any overpayments to our Deposit account number.	
					01-1651
					(Attach duplicate copy of this page if paying by deposit account)
2/02/ 1 FC:		0000129 BAB:011651 .00 CH	06755716 DO NOT US	SE TH	IS SPACE
9.	To the best	and signature. of my knowledge f the original docur	_	g infa	rmation is true and correct and any attached copy is a
		anah, Reg. No. 37, rson Signing	487 Oslu	J	11/25/97 Date
	Haine Oile	. John Olgrinig	Total nu	mber o	f pages including cover sheet, attachments, and document: 7
ОМ	B No. 0651-0011 (exp	4/94)	P 450 July 450 May 450 450 July 450 450 450 450 450 450 450 450 450 450		
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Commissioner of Patents and Trademarks Box Assignments Washington, D.C. 20231

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

- Arik Donde
 733 Stendhall Lane
 Cupertino, California 95014
- 2) Hyman J. Levinstein 132 Robbins Avenue Berkeley Heights, New Jersey 07922
- 3) Robert W. Wu 3112 Paseo Granada Pleasanton, California 94566
- 4) Andreas Hegedus 889 Noe Street San Francisco, California 94114

- 5) Edwin C. Weldon 23613 Skyview Terrace Los Gatos, California 95030
- 6) Shamouil Shamouilian 6536 Little Falls Drive San Jose, California 95120
- 7) Jon T. Clinton 3200 Payne Avenue, #406 San Jose, California 95117
- 8) Surinder S. Bedi 5438 Dekker Terrace Fremont, California 94555

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

"PUNCTURE RESISTANT ELECTROSTATIC CHUCK"

for which application for Letters Patent in the United States was filed on **November 25**, **1996**, under Serial No. **08/755,716**; 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.

ATTORNEY DKT. NO. 527.P3/COMMON ENG/PJS

- 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.
- Said Assignors hereby covenant and agree to cooperate with said Assignee 2. 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.

ATTORNEY DKT. NO. 527.P3/COMMON ENG/PJS

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.

1997	1)	11-C.	1997	Arik Donde
Robert W. Wu 4), 1997	2)		1997	Hyman J. Levinstein
Andreas Hegedus 5), 1997	3)		1997	Robert W. Wu
Edwin C. Weldon 7), 1997 Jon T. Clinton 8), 1997	4)		1997	Andreas Hegedus
7) 1997	5)		1997	Edwin C. Weldon
Jon T. Clinton 8) , 1997	6)		1997	Shamouil Shamouilian
	7)		, 1997	Jon T. Clinton
	8)		, 1997	Surinder S. Bedi

3 of 3

PATENT REEL: 9372 FRAME: 0472

November 3, 1997

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

- Arik Donde
 733 Stendhall Lane
 Cupertino, California 95014
- 2) Hyman J. Levinstein 132 Robbins Avenue Berkeley Heights, New Jersey 07922
- 3) Robert W. Wu 3112 Paseo Granada Pleasanton, California 94566
- 4) Andreas Hegedus 889 Noe Street San Francisco, California 94114

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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.

CICLENTAPPLED9889 5/455KD 002 2 0 f 3 November 3 (1997

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)	, 1997	Arik Donde
2)	<u>Niv 5</u> , 1997	Hyman J. Levinstein
3)	Nov. 12 , 1997	Robert W. Wu
4)	<u>/cz-7</u> , 1997	Andreas Hegedus
5)	<u>νων 7</u> , 1997	Edwin C. Weldon
6)	11/5 , 1997	Shames I Shame I Low
7)	Nov 5 , 1997	Jon I. Clinton
8)	Nov 5, 1997	Swinder S. Bedi

3 of 3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Group Art Unit: 2836

DONDE, ET AL. Attention: Margaret LaSalle, Paralegal,

Assignment Division, Office of Public

Serial No.: 09/015,802 Records

Filed: January 29, 1998

September 10, 1998

For: PUNCTURE RESISTANT

ELECTROSTATIC CHUCK San Francisco, California

TRANSMITTAL LETTER

Box Assignments Assistant Commissioner for Patents Washington, D.C. 20231

Dear Ms. LaSalle:

As requested in your letter dated August 13, 1998, the following documents are enclosed for the above-identified patent application:

- 1. Original cover letter;
- 2. Legible original assignment (from prior application 08/755,716); and
- 3. Post card for return.

If any fee is due, payment of the recording fee is in the manner set forth in the originally filed cover letter.

Respectfully submitted,

JANAH & ASSOCIATES A PROFESSIONAL CORPORATION

By: Ashok K. Janah Reg. No. 37,487

JANAH & ASSOCIATES A PROFESSIONAL CORPORATION 650 Delancey Street, Suite 106 San Francisco, California 94107-2001 (415) 538-1555

Encls.

CERTIFICATE OF MAILING

I hereby certify that this correspondence and all documents listed herein are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Assignments, Assistant Commissioner for Patents, Washington, D.C. 20231, on 9-14-98by Melissa Alexander

RECORDED: 05/22/1998