

08-20-2001

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Police PPO-1596 (Rev. 6-93) OH No. 0651 2017 (resp. 4/94)	U.S. Department of Commerce Patent And Trademark Office
To the Honorable Commissioner of Patents and Trademarks. The asset record une	815680 auticined original document or copy thereof.
1. Name of conveying party(ies): DATE ASSIGNMENT SIGNED Karl Brown May 24, 2001	Name and address of receiving party(ies): Name:Applied Materials, Inc,
Additional names) of conveying part (ies) attached?Yes _X_No	Internal Address:
3. Nature of conveyant and a second	Street Address: 3050 Bowers Avenue P.O. Box 450A
X Assignment	City: Santa Clara State: CA Zip: 95054
Other Execution Date:see_above	Additional name(s) & address(es) attached? Yes X No
4. Application number(s) or registration number(s): 09/836,883 If this document is being filed together with a new application, the execution of the Application No.(s) 09 /836,883 filed April B. Patent No.(s) Additional numbers attached?Yes _X_ No	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Patent Counsel	7. Total fee (37 C.F.R. 3.41)
Internal Address: APPLIED MATERIALS, INC.	Enclosed
	X Authorized to be charged to deposit account
Street Address: P.O. Box 450A	50-1074 8. Deposit account number: 50-1074
City: Santa Clara State: CA Zip: 95052	
DO NOT USE	THIS SPACE
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and of	correct and any attached copy is a true copy of the original document.
ROBERT W. MULCAHY, Reg. No. 25,436 Name of Person Signing Signature	Date Date
Tota Mandocuments to be recorded with	al number of pages including cover sheet, attachments and document: 3

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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PATENT

REEL: 012074 FRAME: 0406

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1) Karl Brown 445 Milan Drive, #222 San Jose, CA 95134

2)

3)

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

METHOD AND APPARATUS FOR CONDITIONING AN ELECTROSTATIC CHUCK

for which we have filed an application for a Patent of the United States on April 17, 2001, Serial No. 09/836,883; 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,

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PATENT REEL: 012074 FRAME: 0407 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 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 Ass	ignors have executed	and delivered this	instrument to
said Assignee on the dates indicated below.	/		

1)	24 mm,	2001	Karl Brown
2)	,	2001	
3)		2001	

RECORDED: 08/06/2001