

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHAHID RAUF	07/12/2007
KENNETH S COLLINS	07/19/2007
KALLOL BERA	07/12/2007
KARTIK RAMASWAMY	07/13/2007
ANDREW NGUYEN	07/12/2007
STEVEN C SHANNON	07/16/2007
LAWRENCE WONG	07/12/2007
SATORU KOBAYASHI	07/12/2007
TROY S DETRICK	07/23/2007
JAMES P. CRUSE	07/13/2007

RECEIVING PARTY DATA

Name:	APPLIED MATERIALS, INC.
Street Address:	P.O. BOX 450A
Internal Address:	LEGAL AFFAIRS DEPT.
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11828568

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	AM11982/ETCH/MDD
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NAME OF SUBMITTER:	ROBERT W MULCAHY
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Total Attachments: 3 source=011982ASG072507#page1.tif source=011982ASG072507#page2.tif source=011982ASG072507#page3.tif
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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	SHAHID RAUF 6167 CORTE PADRE PLEASANTON, CA 94566	2)	KENNETH S. COLLINS 7214 GLENVIEW DRIVE SAN JOSE, CA 95120
3)	KALLOL BERA 1919 FRUITDALE AVE, APT # I-212 SAN JOSE, CA 95128	4)	KARTIK RAMASWAMY 1646 TAWNYGATE WAY SAN JOSE, CA 95124
5)	ANDREW NGUYEN 3148 HOSTETTER ROAD SAN JOSE, CA 95132	6)	STEVEN C. SHANNON 1501 TROLLMAN AVE SAN MATEO, CA 94401
7)	LAWRENCE WONG 45587 PARKMEADOW COURT FREMONT, CA 94539	8)	SATORU KOBAYASHI 870 EAST EL CAMINO REAL #83 MOUNTAIN VIEW, CA 94040
9)	TROY S. DETRICK 1482 RAVENWOOD DRIVE LOS ALTOS, CA 94024	10)	JAMES P. CRUSE 2323 LAUREL GLEN ROAD SOQUEL, CA 95073

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

"PLASMA REACTOR WITH REDUCED ELECTRICAL SKEW USING ELECTRICAL BYPASS ELEMENTS "

for which application for Letters Patent in the United States was filed 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 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) 7/12/07, 2007 Shahid Rauf
Shahid Rauf
- 2) 7-19, 2007 K S Collins
Kenneth S. Collins
- 3) 7/12/07, 2007 Kallol Bera
Kallol Bera
- 4) 7/13/07, 2007 Kartik Ramaswamy
Kartik Ramaswamy
- 5) 7/12/07, 2007 Andrew Nguyen
Andrew Nguyen
- 6) 7/18/07, 2007 Steven C. Shannon
Steven C. Shannon
- 7) 07/12/07, 2007 Lawrence Wong
Lawrence Wong

8) 7/12/2007, 2007 Satoru Kobayashi
Satoru Kobayashi

8) 7/23/07, 2007 Troy S. Detrick
Troy S. Detrick

8) 7/24/07, 2007 James P. Cruse
James P. Cruse