

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROBERT CHEN	01/12/2007
CANFENG LAI	01/12/2007
XINGLONG CHEN	01/22/2007
WEIYI LUO	01/12/2007
ZHONG QIANG HUA	01/12/2007
SIQING LU	01/12/2007
MUHAMMAD RASHEED	01/12/2007
QIWEI LIANG	01/12/2007
DMITRY LUBOMIRSKY	01/12/2007
ELLIE Y. YIEH	01/12/2007

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:	11670728

CORRESPONDENCE DATA

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Correspondent Name: Robert W. Mulcahy

PATENT

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REEL: 018846 FRAME: 0843

CH \$40.00 11670728

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ATTORNEY DOCKET NUMBER:	AM10706-03/DSM/HDP/CVD
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NAME OF SUBMITTER:	ROBERT W. MULCAHY
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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Robert Chen 42210 Vargas Road Fremont, CA 94539 United States	2)	Canfeng Lai 43740 Silva Court Fremont, CA 94539 United States
3)	Xinglong Chen 4325 Norwalk Drive San Jose, CA 95129 United States	4)	Weiye Luo 1205 Koi Terrace Fremont, CA 94536 United States
5)	Zhong Qiang Hua 18026 King Court Saratoga, CA 95070 United States	6)	Siqing Lu 925 Hibiscus Lane San Jose, CA 95117 United States
7)	Muhammad Rasheed 4068 Twin Peaks Terrace Fremont, CA 94538 United States	8)	Qiwei Liang 37800 Freesia Court Fremont, CA 94536 United States
9)	Dmitry Lubomirsky 10540 Felton Way Cupertino, CA 95014 United States	10)	Ellie Y. Yieh 5888 Pistoia Way San Jose, CA 95138 United States

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

**INTERNAL BALANCED COIL FOR INDUCTIVELY COUPLED
HIGH DENSITY PLASMA PROCESSING CHAMBER**

for which application for Letters Patent in the United States was filed on , under Application 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

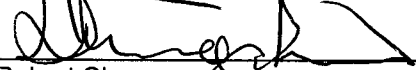

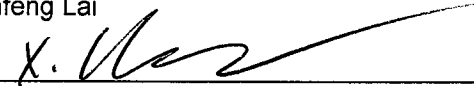

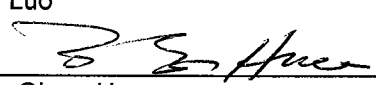
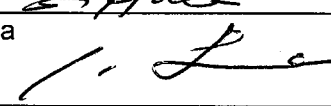

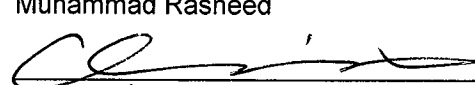

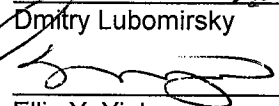
every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

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 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)	<u>1/12/07</u>	, 2006	 Robert Chen
2)	<u>1/12/07</u>	, 2006	 Canfeng Lai
3)	<u>01/22/07</u>	, 2006	 Xinglong Chen
4)	<u>4/12</u>	, 2006	 Weiyl Luo
5)	<u>1/12</u>	, 2006	 Zhong Qiang Hua
6)	<u>1/12/07</u>	, 2006	 Siqing Lu
7)	<u>01/12/07</u>	, 2006	 Muhammad Rasheed
8)	<u>4/12/07</u>	, 2006	 Qiwei Liang
9)	<u>1/12/07</u>	, 2006	 Dmitry Lubomirsky
10)	<u>4/12</u>	, 2006	 Ellie Y. Yieh