

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Hua Chung	09/26/2011
Xizi Dong	09/23/2011
Kyawwin Jason Maung	09/13/2011
Hiroji Hanawa	09/14/2011
Sang Won Kang	09/13/2011
David H. Quach	09/14/2011
Donald J.K. Olgado	09/23/2011
David Bour	09/14/2011
Wei-Yung Hsu	09/21/2011
Alexander Tam	09/13/2011
Anzhong Chang	09/13/2011
Sumedh Acharya	09/30/2011

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
Application Number:	29386850

CORRESPONDENCE DATA

Fax Number: (713)623-4846
Phone: 713-623-4844
Email: PSDocketing@pattersonsheridan.com,
jmatthews@pattersonsheridan.com

501683373

PATENT
REEL: 027025 FRAME: 0393

OP \$40.00 29386850

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: PATTERSON & SHERIDAN, LLP
Address Line 1: 3040 Post Oak Blvd.
Address Line 2: Suite 1500
Address Line 4: Houston, TEXAS 77056-6582

ATTORNEY DOCKET NUMBER:	015284USD/AEP/NEON/DP
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NAME OF SUBMITTER:	Julie Matthews
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Total Attachments: 15

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Hua Chung 4645 Piper Drive San Jose, California 95129	2)	Xizi Dong 4440 Bassett Street, Apt. 5 Santa Clara, California 95054
3)	Kyawwin Jason Maung 1370 Southgate Avenue Daly City, California 94015	4)	Hiroji Hanawa 696 Spruce Drive Sunnyvale, California 94086
5)	Sang Won Kang 7132 Clarendon St. San Jose, California 95129	6)	David H. Quach 1205 Swinging Gate Court San Jose, California 95120
7)	Donald J.K. Olgado 831 Melville Avenue Palo Alto, California 94301	8)	David Bour 11092 Bel Air Court Cupertino, California 95014
9)	Wei-Yung Hsu 5915 Friar Way San Jose, California 95129	10)	Alexander Tam 2451 Balmoral Street Union City, California 94587
11)	Anzhong Chang 5851 Killarney Circle San Jose, California 95138	12)	Sumedh Acharya 6, Neelkanth Hsg Soc, Tulshibaugwale Colony, Sahakarnagar-2, Pune-411009 INDIA

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

**CLEANING PLATE FOR INDUCING TURBULENT FLOW OF A PROCESSING CHAMBER
CLEANING GAS**

for which application for Letters Patent in the United States was filed on March 4, 2011, under Serial No. 29/386,850, 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

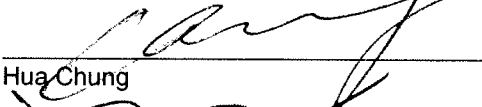

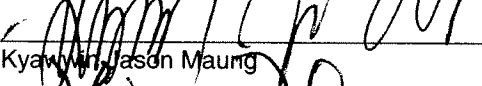
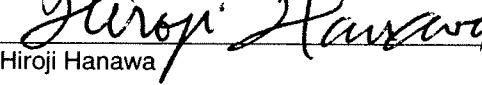
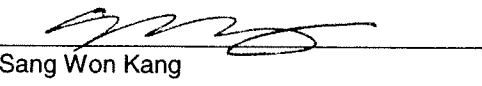
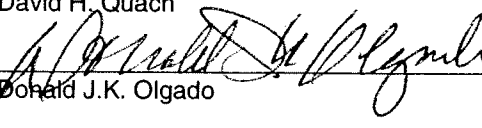
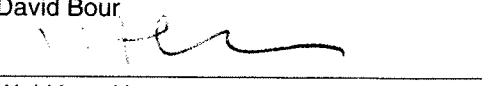
rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.


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4)	<u>9-14-11</u> (DATE)	 Hiroji Hanawa
5)	<u>9/13/11</u> (DATE)	 Sang Won Kang
6)	_____ (DATE)	_____
7)	<u>9.23-11</u> (DATE)	 Donald J.K. Olgado
8)	_____ (DATE)	_____
9)	<u>9/21/11</u> (DATE)	 David Bour
		Wei-Yung Hsu

- 10) 9/13/2011 (DATE) 
Alexander Tam
- 11) _____ (DATE) _____
Anzhong Chang
- 12) _____ (DATE) _____
Sumedh Acharya

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CLEANING GAS**

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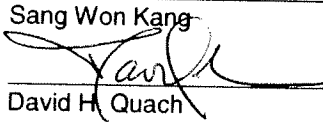
rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and every Application filed and each and every Patent granted on any application which is a conventional, division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

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		David Bour
9)	_____ (DATE)	_____
		Wei-Yung Hsu

Atty Dkt No.: 015284/USA D/AEP/NEON/PARANDOOSH D

- 10) _____ (DATE) _____
Alexander Tam
- 11) _____ (DATE) _____
Anzhong Chang
- 12) _____ (DATE) _____
Sumedh Acharya

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7)	_____ (DATE)	_____
		Donald J.K. Olgado
8)	<u>19 Sep 11</u> (DATE)	<u>David P. Bour</u>
		David Bour
9)	_____ (DATE)	_____
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Atty Dkt No.: 015284/USA D/AEP/NEON/PARANDOOSH D

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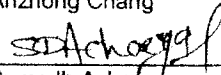
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4)	_____ (DATE)	_____
		Hiroji Hanawa
5)	_____ (DATE)	_____
		Sang Won Kang
6)	_____ (DATE)	_____
		David H. Quach
7)	_____ (DATE)	_____
		Donald J.K. Olgado
8)	_____ (DATE)	_____
		David Bour
9)	_____ (DATE)	_____
		Wei-Yung Hsu

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- 10) _____ (DATE) _____
Alexander Tam
- 11) _____ (DATE) _____
Anzhong Chang
- 12) 30/09/11 (DATE) 
Sumedh Acharya