Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Ling Chen	06/26/2006
Vincent W. Ku	08/20/2006
Hua Chung	05/31/2006
Christophe Marcadal	05/30/2006
Seshadri Ganguli	05/30/2006
Jenny Lin	05/30/2006
Dien-Yeh Wu	05/31/2006
Alan Ouye	05/30/2006
Mei Chang	05/30/2006

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:	10590448

CORRESPONDENCE DATA

Fax Number: (713)623-4846

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Correspondent Name: B. Todd Patterson

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Address Line 4: Houston, TEXAS 77056-6582		
ATTORNEY DOCKET NUMBER:	APPM/6798P2/BTP/SCW	
NAME OF SUBMITTER:	B. Todd Patterson	
Total Attachments: 15 source=Executed Assignment#page1.tif source=Executed Assignment#page2.tif source=Executed Assignment#page3.tif source=Executed Assignment#page4.tif source=Executed Assignment#page5.tif source=Executed Assignment#page6.tif source=Executed Assignment#page7.tif source=Executed Assignment#page8.tif source=Executed Assignment#page9.tif source=Executed Assignment#page10.tif source=Executed Assignment#page11.tif source=Executed Assignment#page12.tif source=Executed Assignment#page13.tif source=Executed Assignment#page14.tif source=Executed Assignment#page15.tif		

WHEREAS:

Names and Addresses of Inventors:

	T		
1)	LING CHEN 784 DARTSHIRE WAY SUNNYVALE, CA 94087	2)	VINCENT W. KU 454 TENNESSEE LANE PALO ALTO, CA 94306
3)	Hua CHUNG 4645 Piper Dr. San Jose, CA 95129	4)	CHRISTOPHE MARCADAL 1180 LOCHINVAR AVE., #88 SUNNYVALE, CA 94087
5)	SESHADRI GANGULI 713 GOLDEN OAK DRIVE SUNNYVALE, CA 94086	6)	JENNY LIN 20532 EL DORADO CT. SARATOGA, CA 95070
7)	DIEN-YEH WU 1326 LONGFELLOW WAY SAN JOSE, CA 95129	8)	ALAN OUYE 716 NORTH IDAHO STREET SAN MATEO, CA 94401
9)	MEI CHANG 12881 CORTE DE ARGUELLO SARATOGA, CA 95070		

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

METHOD AND APPARATUS FOR GENERATING A PRECURSOR FOR A SEMICONDUCTOR PROCESSING SYSTEM

enclosed herewith or for which application for Letters Patent in the United States was filed on May 27, 2004, under International Serial No. PCT/US2004/016715, 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.

Page 1 of 3

- 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.
- 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 conventional, 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 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)	(DATE)	<u></u>
		LING CHEN
2)	X 8-20-06 (DATE)	XIII TO
		VINCENT W. KU
3)	(DA TE)	
		HUA CHUNG

Page 2 of 3

4)	(DATE)	
ŕ	,	CHRISTOPHE MARCADAL
5)	(DA TE)	
		SESHADRI GANGULI
6)	(DA TE)	
		JENNY LIN
7)	(DATE)	
,	(=	DIEN-YEH WU
٥١	(DATE)	
8)	(DAT E)	ALÁN OUYE
		, , , , , , , , , , , , , , , , , , , ,
9)	(DA TE)	
		MEICHANG

461582V1

WHEREAS:

Names and Addresses of Inventors:

	T		
1)	LING CHEN 784 DARTSHIRE WAY SUNNYVALE, CA 94087	2)	VINCENT W. KU 1830 DALTREY WAY SAN JOSE, CA 95132
3)	Hua CHUNG 4645 Piper Dr. San Jose, CA 95129	4)	CHRISTOPHE MARCADAL 1180 LOCHINVAR AVE., #88 SUNNYVALE, CA 94087
5)	SESHADRI GANGULI 713 GOLDEN OAK DRIVE SUNNYVALE, CA 94086	6)	JENNY LIN 20532 EL DORADO CT. SARATOGA, CA 95070
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1 of 2

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- 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 conventional, 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 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.
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3)	(DATE)	Hua CHUNG
4)	(DATE)	CHRISTOPHE MARCADAL
5)	(DATE)	SESHADRI GANGULI
6)	(DATE)	JENNY LIN
7)	(DATE)	DIEN-YEH WU
8)	(DATE)	ALAN OUYE
9)	(DATE)	MEICHANG

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2)	(DATE)	VINCENT W. KU
3)	(DATE)	Hua CHUNG

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	,	CHRISTOPHE MARCADAL
5)	(DATE)	
		SESHADRI GANGULI
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		JENNY LIN
7)	(DATE)	
		Dien-Yeh WU
8)	(DATE)	
O,	(D/(IL)	ALAN OUYE
0)		
9)	(DATE)	MEICHANG

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		- 10

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6)	5/30/06 (DATE)	JENNYLIN
7)	(DA TE)	DIEN-YEH WU
8)	5/30/06 (DATE)	Man OUYE
9)	(DA TE)	MEI CHANG

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