

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 Z. Bachrach	10/07/2008
Yong-Kee Chae	10/09/2008
Soo Young Choi	10/09/2008
Nicholas G.J. DeVries	12/03/2008
Yacov Elgar	10/08/2008
Eric A. Enghardt	10/07/2008
Michel R. Frei	10/06/2008
Charles Gay	11/03/2008
Parris Hawkins	12/02/2008
Choi (Gene) Ho	10/07/2008
James Craig Hunter	11/18/2008
Penchala N. Kankanala	10/09/2008
Liwei Li	10/08/2008
Wing Hoo (Hendrick) Lo	10/12/2008
Danny Cam Toan Lu	10/07/2008
Fang Mei	10/13/2008
Stephen P. Murphy	10/07/2008
Srujal (Steve) Patel	10/07/2008
Matthew J.B. Saunders	12/02/2008
Asaf Schlezinger	10/07/2008
Shuran Sheng	10/10/2008
Tzay-Fa (Jeff) Su	10/10/2008
Jeffrey S. Sullivan	10/08/2008
David Tanner	10/14/2008
Teresa Trowbridge	10/10/2008
Brice Walker	10/15/2008
John M. White	12/08/2008
Tae K. Won	12/08/2008

RECEIVING PARTY DATA

PATENT

500724059

REEL: 021939 FRAME: 0673

CH \$40.00 12202199

Name:	Applied Materials, Inc.
Street Address:	P.O. Box 450A
City:	Santa Clara
State/Country:	CALIFORNIA
Postal Code:	95052

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12202199

CORRESPONDENCE DATA

Fax Number: (408)986-3090
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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 Email: yolande_glass@contractor.amat.com
 Correspondent Name: Applied Materials
 Address Line 1: P.O. Box 450A
 Address Line 4: Santa Clara, CALIFORNIA 95052

ATTORNEY DOCKET NUMBER:	011141/EES/SOLAR-TF/AG
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NAME OF SUBMITTER:	Yolande M. Glass
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Total Attachments: 45

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ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	ROBERT Z. BACHRACH 233 Chapin Lane Burlingame, CA 94010	2)	YONG-KEE CHAE 5057 Carducci Drive Pleasanton, CA 94588
3)	SOO YOUNG CHOI 40907 Rioja Court Fremont, CA 94539	4)	NICHOLAS G.J. DE VRIES 1025 Pearl Street Alameda, CA 94501
5)	YACOV ELGAR 1498 Saskatchewan Sunnyvale, CA 94087	6)	ERIC A. ENGLHARDT 4168 Wallis Court Palo Alto, CA 94306
7)	MICHEL R. FREI 236 Scripps Court Palo Alto, CA 94306	8)	CHARLES GAY 1399 Southwind Circle Westlake Village, CA 91361
9)	PARRIS HAWKINS 1362 Benedict Court Pleasanton, CA 94566	10)	CHOI (GENE) HO 1492 Falcon Court Sunnyvale, CA 94087
11)	JAMES CRAIG HUNTER 16254 Azalea Way Los Gatos, CA 95032	12)	PENCHALA N. KANKANALA 592 Mill Creek Lane, #101 Santa Clara, CA 95054
13)	LIWEI LI 888 Tamarack Lane #70 Sunnyvale, CA 94086	14)	WING HOO (HENDRICK) LO 343 12 th Avenue San Francisco, CA 94118
15)	DANNY CAM TOAN LU 1521 Felton Street San Francisco, CA 94134	16)	FANG MEI 975 Laguna Circle Foster City, CA 94404
17)	STEPHEN P. MURPHY 841 Tulare Drive Tracy, CA 95304	18)	SRUJAL (STEVE) PATEL 2267 Cottle Avenue San Jose, CA 95125
19)	MATTHEW J.B. SAUNDERS 11750 Winding Way Los Altos, CA 94024	20)	ASAF SCHLEZINGER 991 The Dallas Sunnyvale, CA 94087

21)	SHURAN SHENG 662 Garland Avenue, Apt. 8 Sunnyvale, CA 94086	22)	TZAY-FA (JEFF) SU 1063 Cynthia Lane San Jose, CA 95129
23)	JEFFREY S. SULLIVAN 3467 Remco Street San Francisco, CA 94118	24)	DAVID TANNER 184 Cleaves Avenue San Jose, CA 95126
25)	TERESA TROWBRIDGE 11690 Par Avenue Los Altos, CA 94024	26)	BRICE WALKER 74 Brown Road San Juan Bautista, CA 95045
27)	JOHN M. WHITE 2811 Colony View Place Hayward, CA 94541	28)	TAE K. WON 1054 Belvedere Lane San Jose, CA 95129

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

PHOTOVOLTAIC PRODUCTION LINE

for which application for Letters Patent in the United States was filed on August 29, 2008, under Serial No. 12/202,199, 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.


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 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)	_____ (DATE)	_____
		ROBERT Z. BACHRACH
2)	_____ (DATE)	_____
		YONG-KEE CHAE
3)	_____ (DATE)	_____
		SOO YOUNG CHOI
4)	_____ (DATE)	_____
		NICHOLAS G.J. DE VRIES
5)	_____ (DATE)	_____
		YACOV ELGAR
6)	<u>10/7/08</u> (DATE)	<u></u>
		ERIC A. ENGLHARDT
7)	_____ (DATE)	_____
		MICHEL R. FREI
8)	_____ (DATE)	_____
		CHARLES GAY

9)	_____ (DATE)	_____
		PARRIS HAWKINS
10)	_____ (DATE)	_____
		CHOI (GENE) HO
11)	_____ (DATE)	_____
		JAMES CRAIG HUNTER
12)	_____ (DATE)	_____
		PENCHALA N. KANKANALA
13)	_____ (DATE)	_____
		LIWEI LI
14)	_____ (DATE)	_____
		WING HOO (HENDRICK) LO
15)	_____ (DATE)	_____
		DANNY CAM TOAN LU
16)	_____ (DATE)	_____
		FANG MEI
17)	_____ (DATE)	_____
		STEPHEN P. MURPHY
18)	_____ (DATE)	_____
		SRUJAL (STEVE) PATEL
19)	_____ (DATE)	_____
		MATTHEW J.B. SAUNDERS
20)	_____ (DATE)	_____
		ASAF SCHLEZINGER
21)	_____ (DATE)	_____
		SHURAN SHENG
22)	_____ (DATE)	_____
		TZAY-FA (JEFF) SU
23)	_____ (DATE)	_____
		JEFFREY S. SULLIVAN
24)	_____ (DATE)	_____
		DAVID TANNER

25)	_____ (DATE)	_____
		TERESA TROWBRIDGE
26)	_____ (DATE)	_____
		BRICE WALKER
27)	_____ (DATE)	_____
		JOHN M. WHITE
28)	_____ (DATE)	_____
		TAE K. WON

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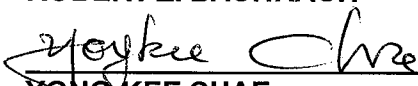
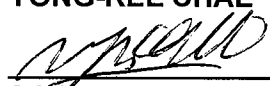
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4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	_____ (DATE)	_____ ROBERT Z. BACHRACH
2)	<u>10/19/08</u> (DATE)	<u></u> YONG-KEE CHAE
3)	<u>10-9-08</u> (DATE)	<u></u> SOO YOUNG CHOI
4)	_____ (DATE)	_____ NICHOLAS G.J. DE VRIES
5)	_____ (DATE)	_____ YACOV ELGAR
6)	_____ (DATE)	_____ ERIC A. ENGLHARDT
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- 10) _____ (DATE) _____
CHOI (GENE) HO
- 11) _____ (DATE) _____
JAMES CRAIG HUNTER
- 12) _____ (DATE) _____
PENCHALA N. KANKANALA
- 13) 10-8-2008 (DATE) ~~_____~~
LWEI LI
- 14) _____ (DATE) _____
WING HOO (HENDRICK) LO
- 15) _____ (DATE) _____
DANNY CAM TOAN LU
- 16) _____ (DATE) _____
FANG MEI
- 17) _____ (DATE) _____
STEPHEN P. MURPHY
- 18) _____ (DATE) _____
SRUJAL (STEVE) PATEL
- 19) _____ (DATE) _____
MATTHEW J.B. SAUNDERS
- 20) _____ (DATE) _____
ASAF SCHLEZINGER
- 21) Oct. 10, 2008 (DATE) Shuran Sheng
SHURAN SHENG
- 22) _____ (DATE) _____
TZAY-FA (JEFF) SU
- 23) _____ (DATE) _____
JEFFREY S. SULLIVAN
- 24) _____ (DATE) _____
DAVID TANNER

25) _____ (DATE)

TERESA TROWBRIDGE

26) _____ (DATE)

BRICE WALKER

27) 10/9/08 (DATE)

JOHN M. WHITE

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TAE K. WON

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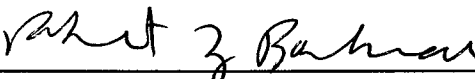
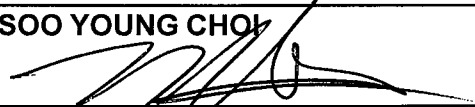
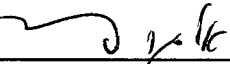
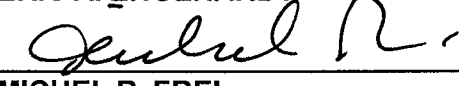
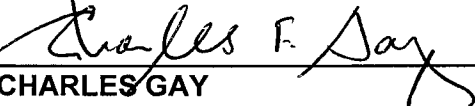
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IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

1)	<u>10/7/2008</u> (DATE)	<u></u> ROBERT Z. BACHRACH
2)	_____ (DATE)	_____ YONG-KEE CHAE
3)	_____ (DATE)	_____ SOO YOUNG CHOI
4)	<u>12/3/08</u> (DATE)	<u></u> NICHOLAS G.J. DE VRIES
5)	<u>10/8/08</u> (DATE)	<u></u> YACOV ELGAR
6)	_____ (DATE)	_____ ERIC A. ENGLHARDT
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8)	<u>11-3-08</u> (DATE)	<u></u> CHARLES GAY

9)	<u>2/2/08</u> (DATE)	<u>Parr P H Hawkins</u> PARRIS HAWKINS
10)	<u>10/7/08</u> (DATE)	<u>Cho Gene Choi</u> CHOI (GENE) HO
11)	_____ (DATE)	_____ JAMES CRAIG HUNTER
12)	<u>10/09/08</u> (DATE)	<u>Penchala N. Kankanala</u> PENCHALA N. KANKANALA
13)	_____ (DATE)	_____ LIWEI LI
14)	_____ (DATE)	_____ WING HOO (HENDRICK) LO
15)	<u>10/7/08</u> (DATE)	<u>Danny Cam Toan Lu</u> DANNY CAM TOAN LU
16)	_____ (DATE)	_____ FANG MEI
17)	_____ (DATE)	_____ STEPHEN P. MURPHY
18)	<u>10/7/08</u> (DATE)	<u>Srujal (Steve) Patel</u> SRUJAL (STEVE) PATEL
19)	_____ (DATE)	_____ MATTHEW J.B. SAUNDERS
20)	<u>10/7/08</u> (DATE)	<u>Asaf Schlezinger</u> ASAF SCHLEZINGER
21)	_____ (DATE)	_____ SHURAN SHENG
22)	<u>10/0/08</u> (DATE)	<u>Tzay-Fa (Jeff) Su</u> TZAY-FA (JEFF) SU
23)	<u>10/18/08</u> (DATE)	<u>Jeffrey S. Sullivan</u> JEFFREY S. SULLIVAN
24)	<u>10/14/08</u> (DATE)	<u>David Tanner</u> DAVID TANNER

25) _____ (DATE)

TERESA TROWBRIDGE

26) 10/15/08 (DATE)


BRICE WALKER

27) _____ (DATE)

JOHN M. WHITE

28) _____ (DATE)

TAE K. WON

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	ROBERT Z. BACHRACH 233 Chapin Lane Burlingame, CA 94010	2)	YONG-KEE CHAE 5057 Carducci Drive Pleasanton, CA 94588
3)	SOO YOUNG CHOI 40907 Rioja Court Fremont, CA 94539	4)	NICHOLAS G.J. DE VRIES 1025 Pearl Street Alameda, CA 94501
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27)	JOHN M. WHITE 2811 Colony View Place Hayward, CA 94541	28)	TAE K. WON 1054 Belvedere Lane San Jose, CA 95129

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

PHOTOVOLTAIC PRODUCTION LINE

for which application for Letters Patent in the United States was filed on August 29, 2008, under Serial No. 12/202,199, 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.

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

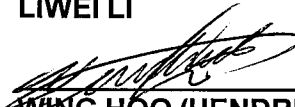
Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, 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 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.

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14)	<u>10-12-2008</u> (DATE)	 _____
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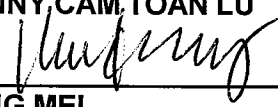
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TAE K. WON

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
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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.

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 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)	_____ (DATE)	_____ ROBERT Z. BACHRACH
2)	_____ (DATE)	_____ YONG-KEE CHAE
3)	_____ (DATE)	_____ SOO YOUNG CHOI
4)	_____ (DATE)	_____ NICHOLAS G.J. DE VRIES
5)	_____ (DATE)	_____ YACOV ELGAR
6)	_____ (DATE)	_____ ERIC A. ENGLHARDT
7)	_____ (DATE)	_____ MICHEL R. FREI
8)	_____ (DATE)	_____ CHARLES GAY

9)	_____ (DATE)	_____
		PARRIS HAWKINS
10)	_____ (DATE)	_____
		CHOI (GENE) HO
11)	_____ (DATE)	_____
		JAMES CRAIG HUNTER
12)	_____ (DATE)	_____
		PENCHALA N. KANKANALA
13)	_____ (DATE)	_____
		LIWEI LI
14)	_____ (DATE)	_____
		WING HOO (HENDRICK) LO
15)	_____ (DATE)	_____
		DANNY CAM TOAN LU
16)	_____ (DATE)	_____
		FANG MEI
17)	_____ (DATE)	_____
		STEPHEN P. MURPHY
18)	_____ (DATE)	_____
		SRUJAL (STEVE) PATEL
19)	<u>12/02/08</u> (DATE)	 MATTHEW J.B. SAUNDERS
20)	_____ (DATE)	_____
		ASAF SCHLEZINGER
21)	_____ (DATE)	_____
		SHURAN SHENG
22)	_____ (DATE)	_____
		TZAY-FA (JEFF) SU
23)	_____ (DATE)	_____
		JEFFREY S. SULLIVAN
24)	_____ (DATE)	_____
		DAVID TANNER

- 25) _____ (DATE) _____
TERESA TROWBRIDGE
- 26) _____ (DATE) _____
BRICE WALKER
- 27) _____ (DATE) _____
JOHN M. WHITE
- 28) _____ (DATE) _____
TAE K. WON

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	ROBERT Z. BACHRACH 233 Chapin Lane Burlingame, CA 94010	2)	YONG-KEE CHAE 5057 Carducci Drive Pleasanton, CA 94588
3)	SOO YOUNG CHOI 40907 Rioja Court Fremont, CA 94539	4)	NICHOLAS G.J. DE VRIES 1025 Pearl Street Alameda, CA 94501
5)	YACOV ELGAR 1498 Saskatchewan Sunnyvale, CA 94087	6)	ERIC A. ENGLHARDT 4168 Wallis Court Palo Alto, CA 94306
7)	MICHEL R. FREI 236 Scripps Court Palo Alto, CA 94306	8)	CHARLES GAY 1399 Southwind Circle Westlake Village, CA 91361
9)	PARRIS HAWKINS 1362 Benedict Court Pleasanton, CA 94566	10)	CHOI (GENE) HO 1492 Falcon Court Sunnyvale, CA 94087
11)	JAMES CRAIG HUNTER 16254 Azalea Way Los Gatos, CA 95032	12)	PENCHALA N. KANKANALA 592 Mill Creek Lane, #101 Santa Clara, CA 95054
13)	LIWEI LI 888 Tamarack Lane #70 Sunnyvale, CA 94086	14)	WING HOO (HENDRICK) LO 343 12 th Avenue San Francisco, CA 94118
15)	DANNY CAM TOAN LU 1521 Felton Street San Francisco, CA 94134	16)	FANG MEI 975 Laguna Circle Foster City, CA 94404
17)	STEPHEN P. MURPHY 841 Tulare Drive Tracy, CA 95304	18)	SRUJAL (STEVE) PATEL 2267 Cottle Avenue San Jose, CA 95125
19)	MATTHEW J.B. SAUNDERS 11750 Winding Way Los Altos, CA 94024	20)	ASAF SCHLEZINGER 991 The Dallas Sunnyvale, CA 94087

21)	SHURAN SHENG 662 Garland Avenue, Apt. 8 Sunnyvale, CA 94086	22)	TZAY-FA (JEFF) SU 1063 Cynthia Lane San Jose, CA 95129
23)	JEFFREY S. SULLIVAN 3467 Remco Street San Francisco, CA 94118	24)	DAVID TANNER 184 Cleaves Avenue San Jose, CA 95126
25)	TERESA TROWBRIDGE 11690 Par Avenue Los Altos, CA 94024	26)	BRICE WALKER 74 Brown Road San Juan Bautista, CA 95045
27)	JOHN M. WHITE 2811 Colony View Place Hayward, CA 94541	28)	TAE K. WON 1054 Belvedere Lane San Jose, CA 95129

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

PHOTOVOLTAIC PRODUCTION LINE

for which application for Letters Patent in the United States was filed on August 29, 2008, under Serial No. 12/202,199, 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.

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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 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.


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24)	_____ (DATE)	_____
		DAVID TANNER

25) 10/19/08 (DATE) 
TERESA TROWBRIDGE

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BRICE WALKER

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