

Form PTO-1595 (Rev. 01-09)
OMB No. 0651-0027 (exp. 02/28/2009)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):
Fayez E. Abboud (05/10/2006), Sriram Krishnaswami
(05/05/2006), Benjamin M. Johnston (05/05/2006).

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: APPLIED MATERIALS, INC.
Internal Address: _____
Street Address: _____

3050 Bowers Avenue

City: Santa Clara
State: California
Country: United States of America Zip: 95054
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s): in parentheses after inventor name
 Assignment Merger Change of Name
 Security Agreement Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No.(s)
12/826,635; Filed June 29, 2010
B. Patent No.(s)


Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: B. Todd Patterson
PATTERSON & SHERIDAN, LLP
Internal Address: Atty. Dkt.: 010191.C2/DISPLAY/EBT/DP
Street Address: 3040 Post Oak Blvd, Suite 1500

City: Houston
State: TX Zip: 77056
Phone Number: (713) 623-4844
Fax Number: (713) 623-4846
Email Address: jcameron@pattersonsheridan.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
Deposit Account Number 50-1074
Authorized User Name Robert W. Mulcahy

9. Signature:

Signature September 16, 2010
Date
Robert W. Mulcahy - 25,436
Name of Person Signing
Total number of pages including cover sheet, attachments, and documents: 11

CH \$40.00 501074 12826635

**RECORDATION FORM COVER SHEET (PTO-1595)
(supplemental sheet)**

Additional Conveying Party(ies)/Execution Date(s) (1. Continued):

Hung T. Nguyen (05/05/2006), Matthias Brunner (05/08/2006), Ralf Schmid (05/08/2006), John M. White (05/09/2006), Shinichi Kurita (05/09/2006), and James Craig Hunter (05/05/2006)

Additional Assignees (2. Continued):

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Assignee Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Additional Applications and/or Patents (4. Continued):

Additional Patent Application Numbers
4A. Continued:

Additional Patent Numbers
4B. Continued:

Additional numbers attached?

Yes No

Atty. Dkt. No. APPM/010191/AKT/EBT/RKK

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	FAYEZ E. ABOUD 1859 Zenato Place Pleasanton, CA 94566	2)	SRIRAM KRISHNASWAMI 12175 Candy Lane Saratoga, CA 95070
3)	BENJAMIN M. JOHNSTON 20701 Locust Drive Los Gatos, CA 95033	4)	HUNG T. NGUYEN 4399 Macbeth Circle Fremont, CA 94555
5)	MATTHIAS BRUNNER Graf-Andechs-Str. 30 85551 Kirchheim, GERMANY	6)	RALF SCHMID Narzissenweg 5 85586 Poing, GERMANY
7)	JOHN M. WHITE 2811 Colony View Place Hayward, CA 94541	8)	SHINICHI KURITA 3532 Rollingside Drive San Jose, CA 95148
9)	JAMES C. HUNTER 16254 Azalea Way Los Gatos, CA 95032		

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

IN-LINE ELECTRON BEAM TEST SYSTEM

enclosed herewith or for which application for Letters Patent in the United States was filed on 03/14/2006, under Serial No. 11/375,625, 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) 5/10/06 (DATE) *Fayez Abboud*
FAYEZE ABBOUD

2) _____ (DATE) _____
SRIRAM KRISHNASWAMI

3) _____ (DATE) _____
BENJAMIN M. JOHNSTON

4) _____ (DATE) _____
HUNG T. NGUYEN

- 5) _____ (DATE) MATTHIAS BRUNNER
- 6) _____ (DATE) RALF SCHMID
- 7) _____ (DATE) JOHN M. WHITE
- 8) _____ (DATE) SHINICHI KURITA
- 9) _____ (DATE) JAMES C. HUNTER

Atty. Dkt. No. APPM/010191/AKT/EBT/RKK

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	FAYEZ E. ABOUD 1859 Zenato Place Pleasanton, CA 94566	2)	SRIRAM KRISHNASWAMI 12175 Candy Lane Saratoga, CA 95070
3)	BENJAMIN M. JOHNSTON 20701 Locust Drive Los Gatos, CA 95033	4)	HUNG T. NGUYEN 4399 Macbeth Circle Fremont, CA 94555
5)	MATTHIAS BRUNNER Graf-Andechs-Str. 30 85551 Kirchheim, GERMANY	6)	RALF SCHMID Narzissenweg 5 85586 Poing, GERMANY
7)	JOHN M. WHITE 2811 Colony View Place Hayward, CA 94541	8)	SHINICHI KURITA 3532 Rollingside Drive San Jose, CA 95148
9)	JAMES C. HUNTER 16254 Azalea Way Los Gatos, CA 95032		

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

IN-LINE ELECTRON BEAM TEST SYSTEM

enclosed herewith or for which application for Letters Patent in the United States was filed on 03/14/2006, under Serial No. 11/375,625, 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)	_____
		FAYEZ E. ABOUD
2)	<u>9/5/2008</u> (DATE)	_____
		SRIRAM KRISHNASWAMI
3)	<u>5/5/2006</u> (DATE)	_____
		BENJAMIN M. JOHNSTON
4)	<u>5/5/06</u> (DATE)	_____
		HUNG T. NGUYEN

- 5) _____ (DATE) _____
MATTHIAS BRUNNER
- 6) _____ (DATE) _____
RALF SCHMID
- 7) 5/9/06 (DATE) 
JOHN M. WHITE
- 8) 5/9/06 (DATE) 
SHIMICHI KURITA
- 9) 5/5/06 (DATE) 
JAMES C. HUNTER

Atty. Dkt. No. APPM/010191/AKT/EBT/RKK

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	FAYEZ E. ABOUD 1859 Zenato Place Pleasanton, CA 94566	2)	SRIRAM KRISHNASWAMI 12175 Candy Lane Saratoga, CA 95070
3)	BENJAMIN M. JOHNSTON 20701 Locust Drive Los Gatos, CA 95033	4)	HUNG T. NGUYEN 4399 Macbeth Circle Fremont, CA 94555
5)	MATTHIAS BRUNNER Graf-Andechs-Str. 30 85551 Kirchheim, GERMANY	6)	RALF SCHMID Narzissenweg 5 85586 Poing, GERMANY
7)	JOHN M. WHITE 2811 Colony View Place Hayward, CA 94541	8)	SHINICHI KURITA 3532 Rollingside Drive San Jose, CA 95148
9)	JAMES C. HUNTER 16254 Azalea Way Los Gatos, CA 95032		

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

IN-LINE ELECTRON BEAM TEST SYSTEM

enclosed herewith or for which application for Letters Patent in the United States was filed on 03/14/2006, under Serial No. 11/375,625, 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) FAYEZ E. ABOUD
- 2) _____ (DATE) SRIRAM KRISHNASWAMI
- 3) _____ (DATE) BENJAMIN M. JOHNSTON
- 4) _____ (DATE) HUNG T. NGUYEN

- 5) 5/8/06 (DATE) 
MATTHIAS BRUNNER
- 6) 5/8/06 (DATE) 
RALF SCHMID
- 7) _____ (DATE) _____
JOHN M. WHITE
- 8) _____ (DATE) _____
SHINICHI KURITA
- 9) _____ (DATE) _____
JAMES C. HUNTER