

41102
04-15-2002

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of

Name of conveying parties:

Mary B. Veneklasen as Executrix of
the estate of Lee H. Veneklasen
Stephen Rishton
Stacey J. Winter

102055617

030602
030502
031202
030802

Huei Mei Kao

Execution Date: Herewith

Attached original documents or copy thereof

address of receiving party(ies):

Applied Materials, Inc.

Internal Address: Legal Affairs Department - M/S 2061

Street Address: P. O. Box 450A

City: Santa Clara State: CA Zip: 95052

Additional Names & Addresses attached? ☐ Yes ☒ NoAdditional names of conveying Parties attached? ☐ Yes ☒ No

3. Nature of conveyance;

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: See Above

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 040102For: TECHNIQUE FOR WRITING WITH A RASTER SCANNED BEAM

A. Patent Application No. _____; filed herewith

B. Patent No.(s)

Additional Numbers attached? ☐ Yes ☒ No

10/114399

5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: ROBERT W. MULCAHYInternal Address: Applied Materials, Inc.Legal Affairs Department - M/S 2061Street Address: P. O. Box 450ACity: Santa Clara State: CA Zip: 950526. Total number of applications and patent involved: 17. Total Fee (37 CFR 3.41) \$ 40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit Account Number: 50-1074
(Attach duplicate copy of this page if paying by deposit account)

Do Not Use This Space

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and any attached copy is a true copy of the original document.

Robert W. Mulcahy, Reg. No. 25,436
Name of Person Signing

Signature

Date

4-1-02

10. Total number of pages comprising cover sheet, attachments, and document: 9
Mail documents to be recorded with the required cover sheet information to:Commissioner of Patents and Trademarks, Box Assignment
Washington, D.C. 2023104/12/2002 LMEILLER 00000109 301074 10114399
01 FC:501 40.00 CH

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Lee H. Veneklasen 3445 Badding Road Castro Valley, California 94546	2)	Steven Rishton 2511 Bishop Avenue Fremont, California 94536
3)	Stacey J. Winter 300 Westline Drive, #A316 Alameda, California 94501	4)	Volker Boegli 1460 Olympus Drive Berkeley, CA 94708
5)	Huei Mei Kao 70 Palacio Court Fremont, California 94539		

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

TECHNIQUE FOR WRITING WITH A RASTER SCANNED BEAM

for which application for Letters Patent in the United States is filed herewith,

under Serial No. _____, executed on even date herewith;

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 the Application), and the invention disclosed therein (hereinafter referred to as the 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 the 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 sells, assigns, transfers and conveys 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 Assignee hereby covenants and agrees 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 Assignee 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;

Page 1 of 2

(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 Assignee 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 Assignee, his respective heirs, legal representatives and assigns.

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

5. Said Assignor hereby authorizes and requests the attorneys of record to insert, where indicated above, the application number and filing date of said application when known.

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

3/6, 2002

Mary B. Veneklasen
Mary B. Veneklasen as Executrix for the estate of Lee H.
Veneklasen

_____, 2002

Steven Rishton

_____, 2002

Stacey J. Winter

_____, 2002

Volker Boegli

_____, 2002

Huei Mei Kao

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Lee H. Veneklasen 3445 Badding Road Castro Valley, California 94546	2)	Steven Rishton 2511 Bishop Avenue Fremont, California 94536
3)	Stacey J. Winter 300 Westline Drive, #A316 Alameda, California 94501	4)	Volker Boegli 1460 Olympus Drive Berkeley, CA 94708
5)	Huei Mei Kao 70 Palacio Court Fremont, California 94539		

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

TECHNIQUE FOR WRITING WITH A RASTER SCANNED BEAM

for which application for Letters Patent in the United States is filed herewith,

under Serial No. _____, executed on even date herewith;

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 the Application), and the invention disclosed therein (hereinafter referred to as the 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 the 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 sells, assigns, transfers and conveys 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 Assignee hereby covenants and agrees 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 Assignee 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;

Page 1 of 2

(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 Assignee 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 Assignee, his respective heirs, legal representatives and assigns.
4. Said Assignors hereby warrants and represents that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
5. Said Assignor hereby authorizes and requests the attorneys of record to insert, where indicated above, the application number and filing date of said application when known.

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

_____, 2002	_____ Mary B. Veneklasen as Executrix for the estate of Lee H. Veneklasen
March 5, _____, 2002	_____ Stephen A. Rishton Steven Rishton PH
_____, 2002	_____ Stacey J. Winter
_____, 2002	_____ Volker Boegli
_____, 2002	_____ Huei Mei Kao

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Lee H. Veneklasen 3445 Badding Road Castro Valley, California 94546	2)	Steven Rishton 2511 Bishop Avenue Fremont, California 94536
3)	Stacey J. Winter 300 Westline Drive, #A316 Alameda, California 94501	4)	Volker Boegli 1460 Olympus Drive Berkeley, CA 94708
5)	Huei Mei Kao 70 Palacio Court Fremont, California 94539		

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

TECHNIQUE FOR WRITING WITH A RASTER SCANNED BEAM

for which application for Letters Patent in the United States is filed herewith,

under Serial No. _____, executed on even date herewith;

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 the Application), and the invention disclosed therein (hereinafter referred to as the 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 the 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 sells, assigns, transfers and conveys 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 Assignee hereby covenants and agrees 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 Assignee 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;

Page 1 of 2

(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 Assignee 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 Assignee, his respective heirs, legal representatives and assigns.

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

5. Said Assignor hereby authorizes and requests the attorneys of record to insert, where indicated above, the application number and filing date of said application when known.

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

_____, 2002

Mary B. Veneklasen as Executrix for the estate of Lee H. Veneklasen

_____, 2002

Steven Rishton

March 12, 2002

Stacey J. Winter
Stacey J. Winter

_____, 2002

Volker Boegli

_____, 2002

Huei Mei Kao

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Lee H. Veneklasen 3445 Badding Road Castro Valley, California 94546	2)	Steven Rishton 2511 Bishop Avenue Fremont, California 94536
3)	Stacey J. Winter 300 Westline Drive, #A316 Alameda, California 94501	4)	Volker Boegli 1460 Olympus Drive Berkeley, CA 94708
5)	Huei Mei Kao 70 Palacio Court Fremont, California 94539		

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

TECHNIQUE FOR WRITING WITH A RASTER SCANNED BEAM

for which application for Letters Patent in the United States is filed herewith,

under Serial No. _____, executed on even date herewith;

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 the Application), and the invention disclosed therein (hereinafter referred to as the 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 the 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 sells, assigns, transfers and conveys 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 Assignee hereby covenants and agrees 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 Assignee 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;

Page 1 of 2

(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 Assignee 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 Assignee, his respective heirs, legal representatives and assigns.
4. Said Assignors hereby warrants and represents that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.
5. Said Assignor hereby authorizes and requests the attorneys of record to insert, where indicated above, the application number and filing date of said application when known.

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

_____, 2002

Mary B. Veneklasen as Executrix for the estate of Lee H. Veneklasen

_____, 2002

Steven Rishton


_____, 2002

Stacey J. Winter

_____, 2002

Volker Boegli

March 8, 2002



Huei Mei Kao