

8399 USA

Form PTO 1595

RECORDATION FORM COVER SHEET
PATENTS ONLY

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies):

	<u>EXECUTION DATE</u>
Francisco A. Leon	11/9/2004
Lawrence C. West	11/8/2004
Gregory L. Wojcik	11/8/2004
Yuichi Wada	11/3/2004

Additional name(s) of conveying Part(ies) attached?

2. Name and address of receiving party(ies):

Name: Applied Materials, Inc.Internal Address: Legal Affairs Department - M/S 2061Street Address: 3050 Bowers Ave.City: Santa Clara State: CA Zip: 95054

Additional Name(s) & Address(es) attached? No

3. Nature of conveyance;

<input checked="" type="checkbox"/> 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:

A. Patent Application No(s) 10/858,524 B. Patent No(s)File Date: May 28, 2004

Additional Numbers attached? No

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

Name: PATENT COUNSELInternal 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☒ Authorized to be charged to deposit account8. 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

10. Total number of pages comprising cover sheet, attachments, and document: 5

Mail documents to be recorded with the required cover sheet information to:

Commissioner of Patents and Trademarks, Box Assignment
Washington, D.C. 20231

CH \$40.00 501074 10858524

8399 NBD/OPTICS; 107262.189US2

ASSIGNMENT

WHEREAS, we, Franciso A. Leon, a citizen of the United States and residing at 777 Addison Avenue, Palo Alto, CA 94301, Lawrence C. West, a citizen of United States and residing at 774 Blairwood Ct., San Jose, California 95120-2203, Gregory L. Wojcik, a citizen of the United States and residing at 7145 Hihn Road, Ben Lomond, California 95005 and Yuichi Wada, a citizen of Japan and residing at C307 4B-1 Hiyoshidai Tomisato-shi, Chiba 286-0201, Japan are the inventors of a certain new and useful invention and discovery, for which we have made an application for a United States Patent entitled "MASKLESS FABRICATION OF WAVEGUIDE MIRRORS" also identified as Attorney Docket Numbers 107262.189US2 and AMAT 8399/US/NBD/OPTICS/JB1, the specification of which was filed with the U.S. Patent and Trademark Office on May 28, 2004 and has been assigned Serial Number 10/858,524.

WHEREAS, Applied Materials, Inc., a corporation of the state of Delaware, whose address is 3050 Bowers Avenue, MS/2061, Santa Clara, CA 95054, which, together with its successors and assigns is hereinafter called "ASSIGNEE," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited.

NOW, THEREFORE, in consideration of good and valuable consideration furnished by ASSIGNEE to us, receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer, and convey to ASSIGNEE the entire right, title, and interest in and to said inventions and discoveries, said United States Patent Application, any and all other applications for Letters Patent(s) on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, reexamination and convention applications based in whole, or in part, upon said inventions or discoveries, or upon said United States Patent Application, and any and all Letters Patent(s), reissues, and extensions of Letters Patent(s) granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon, or arise from, said inventions, said discoveries, said applications, and said Letters Patent(s);

2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;


3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patent(s) to ASSIGNEE, as assignee of the entire right, title, and interest therein or

otherwise as ASSIGNEE may direct;


4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to either us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patent(s) shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to us relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries

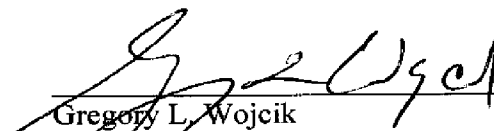
Date: 11/9/04


Francisco A. Leon

Date: 11/18/04


Lawrence C. West

Date: 11/08/04


Gregory L. Wojcik

Date: _____

Yuichi Wada

8399 NBD/OPTICS; 107262.189US2

ASSIGNMENT

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2. Authorize ASSIGNEE to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable, under International Conventions or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments throughout the world to issue or transfer all said Letters Patent(s) to ASSIGNEE, as assignee of the entire right, title, and interest therein or

1 of 2

otherwise as ASSIGNEE may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents, or any license to use the same, or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to ASSIGNEE without encumbrance;

5. Bind our heirs, legal representatives, and assigns, as well as ourselves, to do, upon ASSIGNEE's request and at ASSIGNEE's expense, but without additional consideration to either us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications, and said Letters Patent(s) shall be held and enjoyed by ASSIGNEE as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this Assignment had not been made; and particularly to execute and deliver to ASSIGNEE all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by ASSIGNEE; and to communicate to ASSIGNEE all facts known to us relating to said inventions and discoveries or the history thereof, and to testify as to the same in any court or proceeding; and to furnish ASSIGNEE any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives, or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries

Date: _____

Francisco A. Leon

Date: _____

Lawrence C. West

Date: _____

Gregory L. Wojcik

Date: Nov. 3, 2004

Y. Wada
Yuichi Wada