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FORM PTO-1595 RECORDATION FORM COVER SHEETU.S. DEPARTMENT OF (Modified) PATENTS ONLYPATENT and Trademark Office	COMMERCE	
To the Bonorable Commissioner of Patents and Trademarks: Please	e record the attached original documents or copy thereof	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):	
Boguslaw A. Swedek April 17, 2003 Nils Johansson April 15, 2003 Andreas Norbert Wisweser April 18, 2003 Manoocher Birang April 17, 2003	Name: <u>Applied Materials, Inc.</u> Internal Address: <u>Patent Department</u>	
Additional name(s) of conveying part(ies) attached?□ Yes x No		
3. Nature of conveyance:	Street Address: P. O. Box 450A	
<u>x</u> Assignment	M/S #2061	
☐ Security Agreement ☐ Change of Name Other	City: <u>Santa Clara</u> State <u>CA</u> Zip <u>95052</u> Additional Name(s) & address(es) attached? Yes <u>x</u> No	
Execution Date; <u>SEE ABOVE</u>		
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)] B. Patent No.(s)	
Serial No.: 10/330,685 Filing Date: December 27, 2002		
Additional Numbers attached? □ Yes x No	,	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:1_	
concerning document should be mailed:	7. Total fee (37 CFR 3.41)\$40.00	
Name: <u>PATENT COUNSEL</u> Internal Address: <u> Applied Materials, Inc.</u>	☐ Enclosed	
	x Authorized to be charged to deposit account	
Patent Dept.	8. Deposit account number:	
Street Address: P. O. Box 450A	50-1074 (Attach duplicate copy of this page if paying by deposit	
M/S 2061	account)	
City: Santa Clara State: CA ZIP: 95052		
DO NOT USE THIS SPACE		
9. Statement and signature.		
To the best my knowledge and belief, the foregoing information is true and any attached copy is a true copy of the original document.		
Rebert W Mulcahy, Reg. No.25,486 Name of Person Signing Signatur	e Date \$ 4/03	
10. Total number of pages composing cover sheet, attachments, an	d document:	
OMB No. 0651-0011 (exp. 4/94)		

Mail documents to be recorded with the required cover sheet information to: Commissioner of Patents & Trademarks , Box Assignments Washington, D.C. 20231 Attorney Docket No.006167 / CMP/CMP /RKK

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

Boguslaw A SWEDEK* 22783 Voss Ave. #B Cupertino, CA 95014	Nils JOHANSSON* 16450 Kennedy Road Los Gatos, CA 95032
Andreas Norbert WISWESSER* 775 Luce Ct. Mountain View, CA 94041	Manoocher BIRANG* 18836 Favre Ridge Road Los Gatos, CA 95033

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

SYSTEM AND METHOD FOR IN-LINE METAL PROFILE MEASUREMENT

for which application for Letters Patent in the United States was filed on 12/27/2002, under Serial No. 10/330,685, 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 bysaid Assignors to have been received in full from said Assignee:

- 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 division, substitution, or continuation of said Application; and
 - (d) in and to each and every reissue of extension of any of said Patents.
- Said Assignors hereby covenant and agree to cooperation with said Assignee to enable said Assignee to enjoy 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 saidAssignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistanceall to the extent deemed necessary or desirable by said Assignee
 - (a) for perfecting in said Assignee the right, title and interest here in conveyed;

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- 5/03 MON 14:15 FAX 408 986 3090
 - (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 Assignorsin 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 exe dates indicated below. Boguslav A SWEDEK* Employee No. 72727	cuted and o	delivered this instrument to said $A = 04/(7/03)$	Assignee on the
Nils JOHANSSON* Employee No: CONSULTANT/C	Date: 010113		
Andreas Norbert WISWESSER* Employee No: 68378	Date:		
Manoocher BIRANG* Employee No: EXEMPT/15450	Date:		

Attorney Docket No.006167 / CMP/CMP /RKK.

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 - (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
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- 2. Said Assignors hereby covenant and agree to cooperation with said Assignee to enable said Assignee to enjoy 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 saidAssignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistanceall to the extent deemed necessary or desirable by said Assignee

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dates indicated below.

- MON 14:16 FAA 405 856 5080
 - (b) for prosecuting any of said applications;

Manoocher BIRANG* Employee No: EXEMPT/15450

- (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 Assignorsin 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.

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

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.

Boguslaw A SWEDEK* Employee No: 72727	Date:	
1/1/2 Telaum	Date:	4-15-03
Nill JOHANSSON* Employee No: CONSULTAI	NT/C010113	
	Date:	
Andreas Norbert WISWESSER* Employee No: 6		"
Andreas Norbert WISWESSER* Employee No: 6		

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- - (b) for prosecuting any of said applications;
 - (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention;
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 - (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 Assignorsin providing such cooperation shall be paid for by said Assignee.
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dates indicated below.	
	Date:
Boguslaw A SWEDEK* Employee No: 72727	
	Date:
Nils JOHANSSON* Employee No: CONSULTAN	I/C010113
Mocoose	Date: 4 18103
Andreas Norbert WISWESSER* Employee No: 683	378
	Date:
Manoocher BIRANG* Employee No: EXEMPT/15	450

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RECORDED: 05/05/2003

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	_ Date:
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• •	
	Date:
Andreas Norbert WISWESSER* Employee No: 6837	
Manurched 3-	Date: 4/17/03
Manoocher BIRANG* Employee No. EXEMPT/1545	
	, o