Sı	ubstitute Form PTO-1595	06-04-199	7 Docket No.: 2263 US/RTP/LE (228001
As	sistant Commissioner for Patents: Ple		nal document. \$/19/98
1.	Name of conveying party(ies): Andreas G. Hegedus Additional name(s) attached? □ Yes		Name and address of receiving party(ies): Applied Materials, Inc. 2881 Scott Blvd. Santa Clara, CA 95050
3.	Nature of conveyance: ■ Assignment □ Merger □ Security Agreement □ Change of Name □ Other: Execution Date: 3/16/98		Additional names/addresses attached? ☐ Yes ■ No
4.	Application number(s) or patent number of this document is being filed with a new A. Patent Application No.(s): 09/019,4	ew application, the execution	on date of the application is: Patent No.(s):
		Additional numbers attach	ed? □ Yes ■ No
5.	Name/address of party to whom corresconcerning document should be mailed Patent Counsel Applied Materials, Inc. Legal Affairs Department P.O. Box 450A Santa Clara, CA 95052	d: 7.	Total number of applications/patents involved: 1 Total fee (37 CFR 3.41): \$40 ■ Enclosed □ Authorized to charge deposit account Deposit account number: 06-1050
			If the fee above is being charged to deposit account, a duplicate copy of this cover sheet is attached. Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE			
9.	attached is a true copy of the original of Bao Q. Tran, Reg. No. 37,955 Name of Person Signing	Signature	f, the foregoing information is true and correct and the Date
	Total number of pa	ages including cover sheet,	attachments, and document: 3
FC:5	81 40.00 OP		7A, 19 100 V

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being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

PATENT

REEL: 9204 FRAME: 0681

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

1) ANDREAS G. HEGEDUS 1561 Ralston Avenue Burlingame, CA 94010

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

TEMPERATURE PROBES FOR MEASURING SUBSTRATE TEMPERATURE

for which application for Letters Patent in the United States was filed on February 5, 1998, under Serial No. 09/019,426; and

WHEREAS, Applied Materials, Inc., a Delaware corporation, having a place of business at 2881 Scott Blvd., Santa Clara, California 95050 (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 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 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) March 14 , 1998

ANDREAS G. HEGEDUS

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RECORDED: 05/19/1998