FORM PTO-1595 (Rev. 6-93)

102022566

U.S. Department of Commerce

	JZOJOO Patent And Trademark			
Office OMB No. 0651-0011 (exp. 4/94) PA	TENTS ONLY 2			
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.				
1. Name of conveying party(ies):	Name and address of receiving party(ies):			
Jennings, Dean * March 1, 2002	Name: Applied Materials, Inc.			
Additional name(s) of conveying party(ies) attached? YesX_ No	A Corporation of the State of Delaware			
3. Nature of conveyance: X Assignment Merger	Street Address: 3050 Bowers Ave			
Security Agreement Change of Name	Internal Address: M/S 2061			
Other	7			
Execution Date: SEE ABOVE	City: Santa Clara State: CA Zip: 95054			
	Additional name(s) & address(es) attached? Yes _X_ No			
4. Application number(s) or registration number(s):				
If this document is being filed together with a new application, the exe	ecution date of the application is: Much 4, 2002 (Date of Filing)			
A. Patent Application No.(s)				
B. Patent No.(s)				
Additional numbers attached? Yes X No				
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: APPLIED MATERIALS, INC	7. Total fee (37 C.F.R. 3.41)			
Internal Address: PATENT COUNSEL, M/S 2061	X Authorized to be charged to deposit account			
Street Address: P.O. Box 450-A	50-1074			
Street Address. 1.0.100/100/100	8. Deposit account number: 50-1074			
City: Santa Clara State: CA Zip: 95052				
DO NOT USE THIS SPACE				
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and only detached copy is a true copy of the original document. 2 2 7 0 7				
ROBERT W. MULCAHY Reg. No. 25,436 Signature Date				
Name of Person Signing Total number of pages including cover sheet, attachments and document: 3				
	10			
Mail documents to be record	led with required cover sheet information to: ents & Trademarks, Box Assignments			

Washington, D.C. 20231

03/21/2002 TDIAZ1

00000044 501074

10092275

01 FC:581

40.00 CH

PATENT

REEL: 012694 FRAME: 0163

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses of Inventors:

1)	Dean Jennings	2)	
3)		4)	
5)		6)	

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

"SYSTEM AND METHOD FOR LAMP SPLIT ZONE CONTROL"

for which application for	Letters Patent in	the United	States is	filed herewith,
under Serial No.	, executed	on even dat	te herewit	th; 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 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

1 of 2

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)	1 Nenet , 2002	Dean Jennings Dean Jennings Inventor name
2)	, 2002	Inventor name
3)	, 2002	Inventor name
4)		Inventor name
5)	, 2002	Inventor name
6)	, 2002	Inventor name

RECORDED: 03/04/2002