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nal documents or copy thereof.

To the Honorable Commissioner of Patents at

1. Name of conveying party(ies):

Kenneth Collins

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: July 8, 1998

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

Name: Applied Materials, Inc.

Internal Address:

Street Address: 5030 Bowers Avenue  
Santa Clara, CA 95054

City: State: Zip:

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s): 09/023,365

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

Filed:

B. Patent No.(s)

Additional numbers attached?  Yes  No

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

Name: Applied Materials, Inc.

Internal Address: Patent Counsel  
P.O. Box 450-A

Street Address: 3050 Bowers Avenue  
Santa Clara, CA 95054  
City: State: Zip:

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$40.00

- Enclosed - Authorized on Separate, enclosed Account Authorizaton
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9. Statement and signature.

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

Robert M. Wallace Reg. No. 29,119  
Name of Person Signing

*Robert M. Wallace*  
Signature

7/28/98  
Date

Total number of pages comprising cover sheet:

1

OMB No. 0651-0011

Applied Materials Docket No. 400USAP06  
M&W No. APM/053-95-CP4  
Page 1 of 2

**ASSIGNMENT FOR APPLICATION FOR PATENT**

Whereas:

Name and Address  
of Inventor:

Address: Collins, Kenneth  
165 Knightshaven Way  
San Jose, CA 95111

**LOW DENSITY HIGH FREQUENCY PROCESS FOR A PARALLEL-PLATE  
ELECTRODE PLASMA REACTOR HAVING AN INDUCTIVE ANTENNA**

for which application for Letters Patent in the United States  
was filed on : February 13, 1998  
under Serial No.: 09/023,365  
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 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, THEREFOR, 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

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M&W No. APM/053-95-CP4  
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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 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) July 8, 1998 Kenneth Collins  
Collins, Kenneth