

06-29-2000

FORM PTO-159  
(Rev. 6-93)  
OMB No. 3651-0011 (exp. 4/94)



U.S. Department of Commerce  
Patent and Trademark Office

101393231

To the Honorable Commissioner of Patents and Trademark.

1. Name of conveying party(ies):  
Phillip R. Sommer Date  
March 13, 1998 *MPO 6-13-00*

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

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: \_\_\_\_\_

2. Name and address of receiving party(ies):  
Name: Applied Materials, Inc.  
Internal Address: P.O. Box 450-A  
Street Address: \_\_\_\_\_  
City: Santa Clara State: CA Zip: 95052

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

10530 U.S. PTO  
 09/593733  
 06/13/00

4. Application number(s) or registration number(s):  
If this document is being filed together with a new application, the execution date of the application is: October 31, 1997 (Date of Filing)

A. Patent Application No.(s)  
B. Patent No.(s)

Additional numbers attached?  Yes  No

*09/593733*

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Patent Counsel  
Internal Address: Applied Materials, Inc.  
P. O. Box 450-A  
Street Address: \_\_\_\_\_  
City: Santa Clara State: CA Zip: 95052

6. Total number of applications and patents involved: \_\_\_\_\_

7. Total fee (37 C.F.R. 3.41)----- \$ 40.00  
 Enclosed  
 Authorized to be charged to deposit account  
50-1074/AMAT/4247.D1/CMP/RKK

8. Deposit account number:  
50-1074/AMAT/4247.D1/CMP/RKK

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 any attached copy is a true copy of the original document.*

Robert W. Mulcahy *[Signature]* 6/2/00  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments and document: 4

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

E:\Appm\4247.D01\PTO\Assgmt.Cover.doc

**ASSIGNMENT  
SOLE**

THIS ASSIGNMENT, by Phillip R. Sommer (hereinafter referred to as the assignor), residing at 7811 Hazelnut Drive, Newark, CA 94560, witnesseth:

WHEREAS, said assignor has invented certain new and useful improvements in LINEAR DRIVE SYSTEM FOR CHEMICAL MECHANICAL POLISHING, set forth in an application for Letters Patent of the United States, bearing Serial No. 08/961,602 and filed on October 31, 1997; and

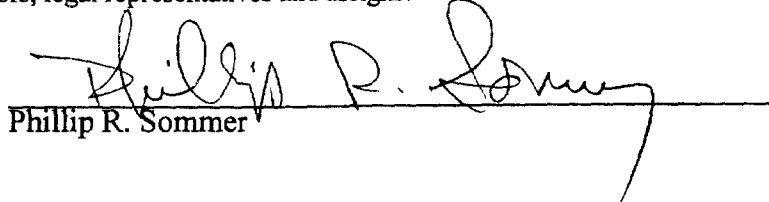
WHEREAS, Obsidian, Inc., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 47485 Seabridge Drive, Fremont, California 94538 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient considerations, the receipt of which is hereby acknowledged, said assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignor, had this sale and assignment not been made.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignor is the sole and lawful owner of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignor hereby covenants and agrees to and with said assignee, its successors, legal representatives and assigns, that said assignor will, whenever counsel of said assignee, or the counsel of its successor, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

AND said assignor hereby requests the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use said assignee, its successors, legal representatives and assigns.

3/13/98  
Date  
  
Phillip R. Sommer