

04-11-2006

Form PTO-1695 (Rev. 03/04)
OMB No. 0651-0027 (exp. 6/30/2005)

103215532

U.S. Department of COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET

PATENTS ONLY

To the Director of the U.S. Patents and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):

PHILLIP R. SOMMER 05/07/1999

PAUL D. BUTTERFIELD 05/10/1999

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

3. Nature of conveyance:

Execution Date(s)

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Government Interest Assignment☐ Executive Order 9424, Confirmatory License☐ Other _____

2. Name and address of receiving party(ies)

Name: APPLIED MATERIALS, INC.Internal Address: Patent CounselStreet Address: P.O. Box 450-ACity: Santa ClaraState: CACountry: USAZip: 95052Additional Name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Patterson & Sheridan, L.L.P.Internal Address: Applied Materials IncStreet Address: 3040 Post Oak Boulevard, Suite 1500City: HoustonState: TXZip: 77056Phone Number: 713-623-4844Fax Number: 713-623-4846Email Address: tpatterson@pattersonsheridan.com6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41)

\$ 40.00☐ Authorized to be charged by credit card☒ Authorized to be charged to deposit account☐ Enclosed☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card

Last 4 Numbers _____

Expiration Date _____

b. Deposit Account Number

60-1074/APPM/004250.G2/PPC/CMP/CKIMAuthorized User Name ROBERT W. MULCAHY

9. Signature :

Signature

MARCH 30, 2006

Date

ROBERT W. MULCAHY - Reg No. 25,436

Name of Person Signing

Total number of pages, sheet, attachments,
and documents including coverDocuments to be recorded (including cover sheet) should be faxed to (703) 308-6905, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA. 22313-1460113014 U.S. PTO
11/30/255

033006

11394255

501074

00000034

N10411

04/10/2006

01 FC:802

40.00 DA

PATENT

REEL: 017762 FRAME: 0618

ASSIGNMENT JOINT

COPY

THIS ASSIGNMENT, by Phillip R. SOMMER and Paul D. BUTTERFIELD (hereinafter referred to as the assignors), residing at Newark, California and San Jose, California respectively, witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in POLISHING MEDIA STABILIZER, set forth in an application for Letters Patent of the United States, having an oath or declaration executed on even date herewith; bearing Serial No. 09/258,036 and filed on February 25, 1999; 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 consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do 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 assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners 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 assignors have 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 assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, 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 assignors hereby request 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 of said assignee, its successors, legal representatives and assigns.

5/1/99
Date

Phillip R. Sommer
Phillip R. SOMMER

May 10, 1999
Date

Paul D. Butterfield
Paul D. BUTTERFIELD

Rev. 04/03/01

Attorney Docket No: 016256-146

PATENT

ASSIGNMENT OF PATENT RIGHTS

Obsidian, Inc., a corporation duly organized under and pursuant to the laws of California, and having its principal place of business in Fremont, CA, USA (herein referred to as "Assignor") owns the entire right, title and interest in and to invention(s) relating to certain new and useful improvements set forth in:

Patent Application(s)

Application Serial No.: 09/258,036

File Date: February 25, 1999

Title: Polishing Media Stabilizer

WHEREAS, Applied Materials, Inc., a corporation duly organized under and pursuant to the laws of Delaware, and having its principal place of business in Santa Clara, CA, USA (herein referred to as "Assignee"), is desirous of acquiring the entire right, title, and interest in and to said invention(s), the right to file applications on said invention(s) and the entire right, title and interest in and to any applications, including provisional applications, for Letters Patent of the United States or other countries claiming priority to said applications, 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 consideration, the receipt of which is hereby acknowledged, the Assignor has sold, assigned, transferred, and set over, and by these presents does sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned invention(s), the right to file applications on said invention(s) and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said applications, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the Paris Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf 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, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and to the invention(s) set forth in said Letters Patent(s) and in said applications and said Letters Patent(s) and said applications, including provisional applications, above-mentioned, and that the same are unencumbered, and that the 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, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns that the Assignor will, whenever counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said invention(s) or said applications for Letters Patent or Patents, or any

PATENT

REEL: 017762 FRAME: 0620

proceeding in connection with Letters Patent or Patents for said invention(s) in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents 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 or Patents for said invention(s), without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignor hereby requests the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee, as the Assignee of said invention(s) and the Letters Patent to be issued thereon for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date: July 27, 2001

By: [Signature]

Name: Christopher W. Smith
Title: President
Company: Obsidian, Inc.

State of:

County of:

The preceding Assignment was acknowledged before me this 27th day of July
by Christopher W. Smith

My Commission Expires: October 15, 2003

[Signature]
Notary Public

