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Execution Date
Month Day Year

Name (line 1) Obsidian, Inc.

07272001

Name (line 2) A Corporation of California

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Receiving Party

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Name (line 1) Applied Materials, Inc.

Name (line 2) A Corporation of Delaware

Address (line 1) 2881 Scott Blvd.

Address (line 2) M/S 2061

Address (line 3) Santa Clara

City

CA/U.S.A.

State/Country

95050

Zip Code

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40.00 OP

By:

Dolores McKay

Correspondent Name and Address

Area Code and Telephone Number

(408) 235-6536

Name **Applied Materials, Inc.**Address (line 1) **Attn: Patent Group**Address (line 2) **2881 Scott Blvd., M/S 2061**

Address (line 3)

Address (line 4) **Santa Clara, California 95050**

Pages

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Patent Number(s)

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Patent Cooperation Treaty (PCT)

Enter PCT application number
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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. Charges to deposit account are authorized, as
indicated herein.***William S. Galliani, Reg. 33,885**

Name of Person Signing

Signature

Date

10-22-01

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.: 09/586,733 File Date: July 5, 2000

Title: Wafer Carrier for Chemical Mechanical Planarization Polishing

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;

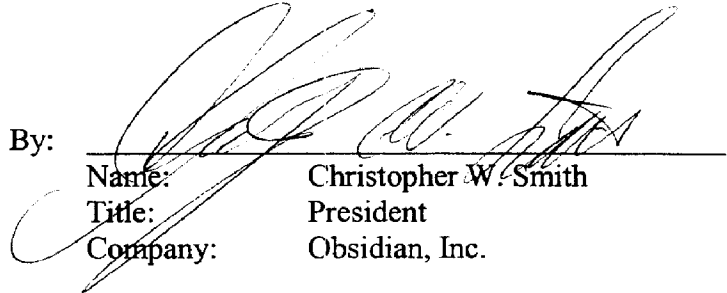
AND for the same consideration, the Assignor hereby covenants and agrees to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignor is the sole and lawful owner of the entire right, title, and interest in and 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

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.

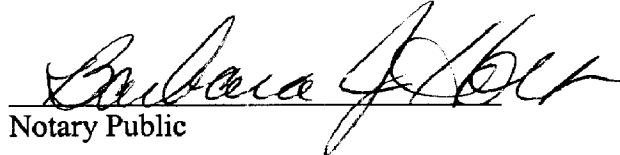
Date: July 27, 2001

By: 
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 ~~Bar~~ Christopher W. Smith


Notary Public

My Commission Expires: October 15, 2003

