

08-07-1998

U.S. DEPARTMENT OF COMMERCE
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To the Honorable Commissioner
thereof.

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the attached original documents or copy

1. Name of conveying party(ies):

William Brown Walter Merry
Harald Herchen Michael Welch

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

3. Nature of Conveyance:

[X] Assignment [] Merger
[] Security Agreement [] Change of Name
[] Other

Execution Date: 7/9/98

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

Name: Applied Materials, Inc.

Internal Address:

Street Address: 3050 Bowers Avenue

City: Santa Clara State: CA Zip: 95054

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

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

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

A. Patent Application No.(s)

09/060,173

B. Patent No.(s)

Additional numbers attached? [] Yes [] No

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

Name: Patent Counsel

Internal Address: Applied Materials, Inc.

Street Address: P.O. Box 450A

City: Santa Clara State: CA Zip: 95052

6. Total number of applications and patents involved: [1]

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

[] Enclosed

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To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a
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Michael A. Glenn, Reg. No. 30,176

Name of Person Signing

Signature Date July 13, 1998

Total number of pages comprising cover sheet: [1]

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PATENT
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ASSIGNMENT

WHEREAS, We, William Brown, Harald Herchen, Walter Merry and Michael Welch, hereinafter referred to as "ASSIGNORS", have invented certain new and useful improvements, as described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: **POLYMER REMOVAL FROM TOP SURFACES AND SIDEWALLS OF A SEMICONDUCTOR WAFER**

U.S. Serial No. 09/060,173, filed April 14, 1998

WHEREAS, Applied Materials, Inc., 3050 Bowers Avenue, Santa Clara, California 95054, a corporation of the State of Delaware, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title, and interest in the said invention and application and in any Letters Patent which may be granted with regard to the same;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for One Dollar (\$1.00) and other good and valuable consideration, ASSIGNORS have sold, assigned, and transferred, and by these presents does sell, assign, and transfer unto the said ASSIGNEE, and ASSIGNEE'S successors and assigns, all right, title, and interest in and to said invention, said application for United States Letters Patent and any Letters Patent which may be hereafter granted on the same in the United States and all countries throughout the world, including any divisions, renewals, continuations in whole or part, substitutions, conversions, reissues, revivals, prolongation, or extensions thereof, said interest to be held and enjoyed by said ASSIGNEE as fully and exclusively as it would have been held and enjoyed by said ASSIGNORS had this assignment and transfer not been made, for all time.

ASSIGNORS further agree that they will, without charge to said ASSIGNEE, but at ASSIGNEE'S expense, cooperate with ASSIGNEE in the prosecution of said application and/or applications, execute, verify, acknowledge, and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as ASSIGNEE may lawfully request, to obtain or maintain Letters Patent for said invention and improvement in any and all countries, and to vest title thereto in said ASSIGNEE, or ASSIGNEE'S successors and assigns.

IN TESTIMONY WHEREOF, ASSIGNORS have hereunto signed their names to the assignment on the date indicated below.

William Brown
WILLIAM BROWN

July 9, 1998
Date

Harald Herchen
HARALD HERCHEN

July 9, 1998
Date

Walter Merry
WALTER MERRY

July 9, 1998
Date

Michael Welch
MICHAEL WELCH

July 9, 1998
Date