

PATENT'S ONLY

03-06-2000

PATENTS ONLY

TO THE C

S AND TRADEMARKS

WHD
1.27.00

Plea

101282019

ent or copy thereof.

1. Name of Party(ies) conveying

Name and Address of Party(ies) receiving an interest:

Michael Labunsky
Tac Huynh
Anthony Meyer

OPR/FINANCE

Name: Lam Research Corporation
Internal Address:
Street Address: 4650 Cushing Parkway
City: Fremont
State/Zip: California 94538

Additional name(s) of conveying party(ies) attached?

☒ Yes ☐ No

Additional name(s) and addresses attached?

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment ☐ Change of Name Other:☐ Security Agreement ☐ MergerExecution Date: October 24, 1999; January 13, 2000;
October 26, 1999; October 25, 1999; October 25, 19994. Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No

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

Date

A. Patent Application No.(s)
09/188,779

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

BRINKS HOFER GILSON & LIONE
P.O. BOX 10395
CHICAGO, IL 60610
(312)321-42006. Number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☒ Enclosed
☐ Authorized to be charged to Deposit Account No. 23-19258. ☒ Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.

DO NOT USE THIS SPACE

03/03/2000 DCORTES 00000067 09188779

01 FC:581

40.00 DP /

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.

Kent E. Genin

Name of Person Signing

Signature

January 18, 2000

Date

Total number of pages including cover sheet, attachments, and document: 12

Rev. Dec.-99

\\BHGL_1\SYS\COMMON\KEG\LAM Research 7103\7103-36\7103-36 Assignment Recordall.doc

PATENT
REEL: 010578 FRAME: 0757

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS
Assignment Recordal
- PAGE 2 -

Our Case No. 7103/36

Patent Application Serial No. 09/188,779

**"METHOD AND APPARATUS FOR CONDITIONING A POLISHING PAD
USED IN CHEMICAL MECHANICAL PLANARIZATION"**

Filed: November 9, 1998

Additional names of conveying parties:

Andrew J. Nagengast

Glenn W. Travis

ASSIGNMENT

WHEREAS, Michael Labunsky, Tac Huynh, Anthony Meyer, Andrew J. Nagengast and Glenn W. Travis, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled METHOD AND APPARATUS FOR CONDITIONING A POLISHING PAD USED IN CHEMICAL MECHANICAL PLANARIZATION, for a full description of which reference is here made to an application for Letters Patent of the United States filed on November 9, 1998, and assigned Application Serial No. 09/188,779;

WHEREAS, Lam Research Corporation, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 4650 Cushing Parkway, Fremont, California 94538, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent

applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: October 24, 1999 Michael Labunsky
Michael Labunsky

DATED: _____
Tac Huynh

DATED: _____
Anthony Meyer

DATED: _____
Andrew J. Nagengast

DATED: _____
Glenn W. Travis

ASSIGNMENT

WHEREAS, Michael Labunsky, Tac Huynh, Anthony Meyer, Andrew J. Nagengast and Glenn W. Travis, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled METHOD AND APPARATUS FOR CONDITIONING A POLISHING PAD USED IN CHEMICAL MECHANICAL PLANARIZATION, for a full description of which reference is here made to an application for Letters Patent of the United States filed on November 9, 1998, and assigned Application Serial No. 09/188,779;

WHEREAS, Lam Research Corporation, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 4650 Cushing Parkway, Fremont, California 94538, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent

applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:

Michael Labunsky

DATED:

1/13/2000 ✓

Tac Huynh ✓

Tac Huynh

DATED:

Anthony Meyer

DATED:

Andrew J. Nagengast

DATED:

Glenn W. Travis

ASSIGNMENT

WHEREAS, Michael Labunsky, Tac Huynh, Anthony Meyer, Andrew J. Nagengast and Glenn W. Travis, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled METHOD AND APPARATUS FOR CONDITIONING A POLISHING PAD USED IN CHEMICAL MECHANICAL PLANARIZATION, for a full description of which reference is here made to an application for Letters Patent of the United States filed on November 9, 1998, and assigned Application Serial No. 09/188,779;

WHEREAS, Lam Research Corporation, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 4650 Cushing Parkway, Fremont, California 94538, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent

applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: _____ Michael Labunsky

DATED: _____ Tac Huynh

DATED: 10.26.99 _____ Anthony Meyer

DATED: _____ Andrew J. Nagengast

DATED: _____ Glenn W. Travis

ASSIGNMENT

WHEREAS, Michael Labunsky, Tac Huynh, Anthony Meyer, Andrew J. Nagengast and Glenn W. Travis, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled METHOD AND APPARATUS FOR CONDITIONING A POLISHING PAD USED IN CHEMICAL MECHANICAL PLANARIZATION, for a full description of which reference is here made to an application for Letters Patent of the United States filed on November 9, 1998, and assigned Application Serial No. 09/188,779;

WHEREAS, Lam Research Corporation, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 4650 Cushing Parkway, Fremont, California 94538, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

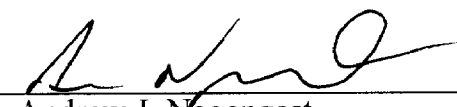
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent

applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:	<hr/>	<hr/> Michael Labunsky
DATED:	<hr/>	<hr/> Tac Huynh
DATED:	<hr/>	<hr/> Anthony Meyer
DATED:	<hr/> 10-25-99	<hr/>  Andrew J. Nagengast
DATED:	<hr/>	<hr/> Glenn W. Travis

ASSIGNMENT

WHEREAS, Michael Labunsky, Tac Huynh, Anthony Meyer, Andrew J. Nagengast and Glenn W. Travis, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled METHOD AND APPARATUS FOR CONDITIONING A POLISHING PAD USED IN CHEMICAL MECHANICAL PLANARIZATION, for a full description of which reference is here made to an application for Letters Patent of the United States filed on November 9, 1998, and assigned Application Serial No. 09/188,779;

WHEREAS, Lam Research Corporation, a corporation organized and existing under the laws of the State of Delaware, having a place of business at 4650 Cushing Parkway, Fremont, California 94538, hereinafter called the "Assignee", desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent

applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: _____
Michael Labunsky

DATED: _____
Tac Huynh

DATED: _____
Anthony Meyer

DATED: _____
Andrew J. Nagengast

DATED: 10-25-99

Glenn W. Travis