

10-08-2004

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Please reco.

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document or copy thereof.

1. Name of Party(ies) conveying an interest:

Travis R. Taylor
Jingang Yi
Peter Richard Norton

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

☐ Yes ☒ No

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

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

Additional name(s) and addresses attached?

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment ☐ Change of Name Other:☐ Security Agreement ☐ MergerExecution Date: September 29, 2004

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

5.

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

September 29, 2004

Date

A. Patent Application No.(s)

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)321-4200

6. Number of applications and patents involved: 1

7. 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.

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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

SignatureSeptember 30, 2004

Date

Total number of pages including cover sheet, attachments, and document: 3

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PATENT
REEL: 015857 FRAME: 0580

Attorney Docket No. 7103/432
Lam Ref. No. P1268

ASSIGNMENT

WHEREAS, Travis R. Taylor, Jingang Yi and Peter Richard Norton, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled SYSTEM AND METHOD FOR IN SITU CHARACTERIZATION AND MAINTENANCE OF POLISHING PAD SMOOTHNESS IN CHEMICAL MECHANICAL POLISHING, executed by Assignors on the same date as this Assignment;

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, for 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.

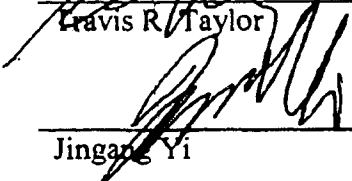
DATED:

29 Sept 04


Travis R. Taylor

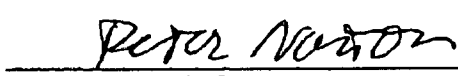
DATED:

9/29/04


Jingang Yi

DATED:

9/29/04


Peter Richard Norton