

06-24-2002

ASSIGNMENT



DET

102131392

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)

- a) Stephan Lassig
- b) S.M. Reza Sadjadi
- c) Vinay Pohray
- d) Si Yi Li

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

- a) Name: Lam Research Corporation
- Address: 4650 Cushing Parkway
Fremont, CA 94538

6.17.02

3. Nature of conveyance

- | | | | |
|-------------------------------------|--------------------|--------------------------|-------------------|
| <input checked="" type="checkbox"/> | Assignment | <input type="checkbox"/> | Merger |
| <input type="checkbox"/> | Security Agreement | <input type="checkbox"/> | Change of Name |
| <input type="checkbox"/> | Other _____ | <input type="checkbox"/> | License Agreement |

Execution Date: 04/17/02 (Lassig); 05/08/02 (Sadjadi); 04/23/02 (Pohray); 04/23/02 (Li)

4. Application Number(s) or Patent Number(s): 10/138,041

The title of the (new) application is: METHOD FOR PATTERNING MULTILEVEL INTERCONNECTS

5. Please send all correspondence concerning this (these) documents to:

Beyer Weaver & Thomas, LLP
P.O. Box 778
Berkeley, CA 94704-0778
Ph: (650) 961-8300
Fax: (650) 961-8301
(Customer Number: 022434)

6. Total number of applications and patents involved: 1

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

- ☒ Enclosed
- ☒ Any additional fees are authorized to be charged to Deposit Account No. 50-0388 (Order No. LAM1P162)

8. 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.

Date: June 6, 2002

06/21/2002 TDIAT1 00000114 10138041

01 FC:581

40.00 DP

Attorney Docket No. LAM1P162/P0861X

Michael Lee
Michael Lee
Registration No. 31,846

(Revised 12/01)

PATENT
REEL: 013006 FRAME: 0666

Rep'n. Ref: 06/21/2002 TDIAT1 0009422800
Docket Number: 10138041 \$40.00 CR
FC: 704

**ASSIGNMENT RECORDATION COVER SHEET
-PATENTS ONLY-**

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)
a) Thomas W. Mountsier
b) Chiu Chi
2. Name and address of receiving party(ies):
a) Name: Novellus Systems, Inc.
Address: 3970 North First Street
San Jose, CA 95134

3. Nature of conveyance
- | | |
|--|--|
| <input checked="" type="checkbox"/> Assignment | <input type="checkbox"/> Merger |
| <input type="checkbox"/> Security Agreement | <input type="checkbox"/> Change of Name |
| <input type="checkbox"/> Other _____ | <input type="checkbox"/> License Agreement |

Execution Date: 04/22/02 (Mountsier); 04/22/02 (Chi)

4. Application Number(s) or Patent Number(s): 10/138,041

The title of the (new) application is: METHOD FOR PATTERNING MULTILEVEL INTERCONNECTS

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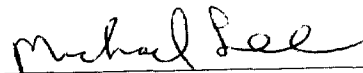
6. Total number of applications and patents involved: 1

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

- ☒ Enclosed
☒ Any additional fees are authorized to be charged to Deposit Account No. 50-0388
(Order No. LAM1P162)

8. 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.

Date: June 6, 2002



Michael Lee
Registration No. 31,846

Attorney Docket No. LAM1P162/P0861X

(Revised 12/01)

PATENT
REEL: 013006 FRAME: 0667

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set for in the patent application entitled:

METHOD FOR PATTERNING MULTILEVEL INTERCONNECTS

(Atty. Docket No.: LAM1P162/P0861X) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to Lam Research Corporation, a Delaware corporation having a place of business at 4650 Cushing Parkway, Fremont, CA 94538, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

- | | | |
|----|------------------------------------|-----------------------|
| 1) | Signature: <u>Stephan E Lassig</u> | Date: <u>4-17-02</u> |
| | Typed Name: STEPHAN LASSIG | |
| 2) | Signature: <u>Reza Sadjadi</u> | Date: <u>5-8-02</u> |
| | Typed Name: S.M. REZA SADJADI | |
| 3) | Signature: <u>Vinay Pohray</u> | Date: <u>04/23/02</u> |
| | Typed Name: VINAY POHRAY | |
| 4) | Signature: <u>Si Yi Li</u> | Date: <u>04/23/02</u> |
| | Typed Name: SI YI LI | |

Attorney Docket No. LAM1P162/P0861X

PATENT
REEL: 013006 FRAME: 0668

ASSIGNMENT OF PATENT APPLICATION

Whereas I an undersigned inventor have invented certain new and useful improvements as set forth in the patent application entitled:

METHOD FOR PATTERNING MULTILEVEL INTERCONNECTS

(Atty. Docket No. LAM1P162/P0861X), (check one)

- ☒ for which I have executed a U.S. patent application on even date herewith. (Accompanying)
☐ which bears U.S. application No. _____. (Not accompanying)
☐ which is a U.S. provisional application. (Accompanying)

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I an undersigned inventor hereby:

- 1) Sell, assign and transfer to Novellus Systems, Inc., a California corporation having a place of business at 3970 North First Street, San Jose, CA 95134 ("ASSIGNEE"), the entire right, title and interest in any and all improvements and inventions disclosed in, applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
- 6) Authorize and request my attorney/agent to insert above the application No. in order to assist with recordal of this assignment.

Signed on the date indicated beside my signature.

1. Inventor Signature: _____

THOMAS W. MOUNTSIER

Date: _____

4/22/02

State of California)

County of _____)

Santa Clara

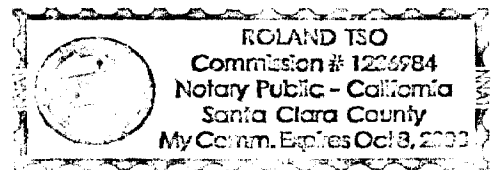
SS.

On this 22 day of April, in the year 2002, before me, Roland Tso, Notary Public, personally appeared Thomas W. Mountsier, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____





2. Inventor Signature: _____

CHIU CHI

Date: _____

4/22/2002

State of California)

County of _____)

Santa Clara

SS.

On this 22 day of April, in the year 2002, before me, Roland Tso, Notary Public personally appeared Chiu Chi, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature _____



