

01-08-2002

ATTORNEY DOCKET NO: M-11953 US



HEET

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

101936849

TO THE HONORABLE DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

1. Name of conveying party(ies):

- (a) Omstead, Thomas R.
- (b) Levy, Karl B.

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

Yes No

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

Name: Novellus Systems, Inc., a California corporation
 Street Address: 4000 North First Street
 City: San Jose California 95134
 Country: USA

JC978 U.S. PTO
10/028610
12/19/01

3. Nature of Conveyance:

MRB 12/19/01

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: (a) December 18, 2001 and
 (b) December 18, 2001

Name and address of receiving party(ies):

Name:
 Street Address:
 City: State: Zip:
 Country:

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: 12/3/01, 12/17/01

A. Patent Application No.(s) - 10028610
 Title: Atomic Layer Deposition Systems and Methods

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: GREG J. MICHELSON
 Internal Address: SKJERVEN MORRILL MacPHERSON LLP
 Street Address: 25 METRO DRIVE, SUITE 700
 City SAN JOSE State CA Zip 95110

6. Total number of applications and patents involved: one (1)

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

- Authorized to be charged to Deposit Account 19-2386
- Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

01/07/2002 DBYRME 00000092 192386 10028610

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8. 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.

Greg J. Michelson 44,940
 Name of Person Signing

Greg J. Michelson
 Signature

12-19-01
 Date

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

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we

Thomas R. Omstead of Fremont, California, and
Karl B. Levy of Los Altos, California,

hereby sell, assign and transfer to Novellus Systems, Inc., a California corporation, having a place of business at 4000 North First Street, San Jose, CA 95134, its successors and assigns, the entire right, title and interest throughout the world in our invention in:

Atomic Layer Deposition Systems and Methods

for which we filed a United States Patent Application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; we authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from us; we agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, their successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and we request that the United States Patent and Trademark Office issue all patents granted for said invention to the above-named assignee, its successors and assigns.

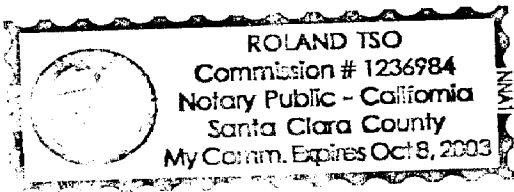
Executed this 18 day of December, 2001.

Thomas R. Omstead
Thomas R. Omstead

State of California)
County of Santa Clara) ss.

On December 18, 2001 before me, Roland Tso, Notary Public personally appeared Thomas R. Omstead, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]
SIGNATURE OF NOTARY

Executed this 18TH day of DECEMBER, 2001.

[Signature]
Karl B. Levy

State of California)
Santa) ss.
County of Clara)

On December 18, 2001 before me, Roland Tso, Notary Public personally appeared Karl B. Levy, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]
SIGNATURE OF NOTARY