

08-02-2006



Form PTO-1595 (Rev. 03/05)
OMB No. 0651-0027 (exp. 6/30/2005)

Doc Code:

103284748

DEPARTMENT OF COMMERCE
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7-17-06

RECORDATION FORM COVER SHEET PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Ratsamee Limdulpaiboon
Kan Quan Vo

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

2. Name and address of receiving party(ies)

Name: Novellus Systems, Inc.

Internal Address: _____

Street Address: 4000 North First Street

City: San Jose

State: California

Country: USA Zip: 95134

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) July 7, 2006

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

112941 U.S. PTO
11/493678

072606

4. Application or patent number(s):

A. Patent Application No.(s)

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: DeLio & Peterson, LLC

Internal Address: _____

Street Address: 121 Whitney Avenue

City: New Haven

State: Connecticut Zip: 06510

Phone Number: (203) 787-0595

Fax Number: (203) 787-5818

Email Address: delpet@delpet.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

July 26, 2006

Date

John J. Tomaszewsk Reg. No. 26,241

Name of Person Signing

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

4

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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(40.00 OP)

ASSIGNMENT

WHEREAS, we, Chi-I Lang, Ratsamee Limdulpaiboon, and Ken Quan Vo, who reside respectively at 1262 Rembrandt Drive, Sunnyvale, California 94087; 363 San Diego Avenue, Daly City, California 95134; and 1742 Everglade Avenue, San Jose, California 95122 have certain interests and rights in and to inventions and discoveries set forth in an application for Letters Patent of the United States of America entitled **RESOLVING OF FLUORINE LOADING EFFECT IN THE VACUUM CHAMBER**, which application was executed by us on the 7 day of July, 2006, and is identified by DeLIO & PETERSON, LLC Docket No. NOVE100050000.

WHEREAS, Novellus Systems Inc, a California corporation, whose address is 4000 North First Street, San Jose, California 95134, together with its successors and assigns is hereinafter called "Assignee", is desirous of acquiring the title, rights and benefits and privileges hereinafter recited:

NOW, THEREFORE, for valuable consideration furnished by Assignee to us, the receipt and sufficiency of which we hereby acknowledge, we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions and discoveries or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our name or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

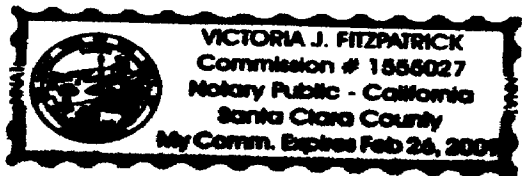
3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to assignee without encumbrance;

STATE OF *California*)
) SS:
COUNTY OF *Santa Clara*)

On this 7 day of July, 2006, before me appeared Ratsamee Limdulpaiboon, to me known and known to me to be the person described in and who executed the foregoing instrument and he acknowledged the same to be his free act and deed.

(SEAL)

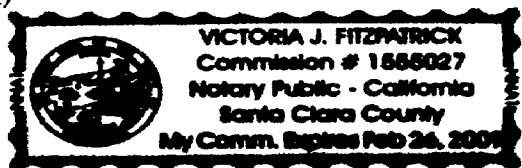


Victoria J. Fitzpatrick
Notary Public

STATE OF *California*)
) SS:
COUNTY OF *Santa Clara*)

On this 7 day of July, 2006, before me appeared Ken Quan Vo, to me known and known to me to be the person described in and who executed the foregoing instrument and he acknowledged the same to be his free act and deed.

(SEAL)



Victoria J. Fitzpatrick
Notary Public

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