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RECORDATION FORM C

103284747

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)

Sunil Shanker
Minh Anh Nguyen

2. Name and address of receiving party(ies)Name: Novellus Systems, Inc.

Internal Address: _____

Street Address: 4000 North First StreetCity: San JoseState: CaliforniaCountry: USA Zip: 95134Additional name(s) & address(es) attached? ☐ Yes ☒ NoAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**Execution Date(s) July 21, 2006

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

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 AvenueCity: New HavenState: Connecticut Zip: 06510Phone Number: (203) 787-0595Fax Number: (203) 787-5818Email 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 Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____b. Deposit Account Number 04-0566

Authorized User Name _____

9. Signature:

Signature

July 26, 2006

Date

John J. Tomaszewski 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

08/01/2006 DBYRNE 00000125 11493679

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PATENT
REEL: 018136 FRAME: 0695

ASSIGNMENT

WHEREAS, we, Sunil Shanker, Chi-I Lang, Minh Anh Nguyen, and Judy H. Huang, who reside respectively at 524 E. Maude Avenue, #42, Sunnyvale, California 94085; 1262 Rembrandt Drive, Sunnyvale, California 94087; 176 Sageland Drive, San José, California 95131; 30 Hernandez Avenue, Los Gatos, California 95030, 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 H-2 BASED PLASMA TREATMENT TO ELIMINATE WITHIN-BATCH AND BATCH-TO-BATCH ETCH DRIFT, which application was executed by us on the 21st day of July, 2006, and is identified by DeLIO & PETERSON, LLC Docket No. NOVE100057000.

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;


5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at its expense, but without additional consideration to us or it, all acts reasonably serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof, and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns and which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.

In testimony of which we have signed our name below, this 21 day of July, 2006.

 7/21/06

Sunil Shanker

Chi-I Lang

 7/21/06

Minh Anh Nguyen

Judy H. Huang

STATE OF California)
COUNTY OF Santa Clara) ss:
)

On this 21 day of July, 2006, before me appeared Sunil Shanker, 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)  
Notary Public

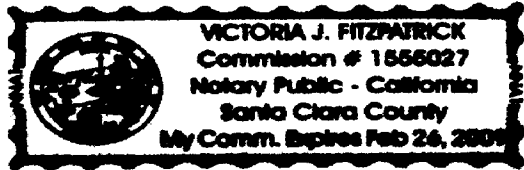
STATE OF)
) ss:
COUNTY OF)

On this ____ day of _____, 20____, before me appeared Chi-I Lang, 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) _____
Notary Public

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

On this 21 day of July, 2006, before me appeared Minh Anh Nguywen, 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)  _____
Notary Public

STATE OF)
) ss:
COUNTY OF)

On this ____ day of _____, 20____, before me appeared Judy H. Huang, 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) _____
Notary Public

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