

Form PTO-1595 (Rev. 09/04)
OMB No. 0651-0027 (exp. 6/30/2005)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office**RECORDATION FORM COVER SHEET
PATENTS ONLY**

Docket No. 004.0126

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)/Execution Date(s):

John F. Stumpf	James Jed Crawford	Edmund Minshall
Franklin D. Root	Rand Conner	Timothy Cleary
Brian Severson	Jasent Montano	
David Marquardt	Kevin Bertsch	
John Derwood Herb	Robert Marshall Stowell	

Execution Date(s) _____

Additional name(s) of conveying party(les) attached? ☐ Yes ☒ No**2. Name and address of receiving party(ies)**Name: Novellus Systems, Inc.

Internal Address: _____

Street Address: 4000 N. First StreetCity: San JoseState: CaliforniaCountry: USA Zip: 95134Additional name(s) & address(es) attached? ☐ Yes ☒ No**3. Nature of conveyance:**

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

4. Application or patent number(s):☐ This document is being filed together with a new application.

A. Patent Application No.(s)

10/884,371

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**Name: Ingrassia Fisher & Lorenz P.C.

Internal Address: _____

Street Address: 7150 E. Camelback Road

Suite 325

City: ScottsdaleState: Arizona Zip: 85261Phone Number: 480 385-5060Fax Number: 480 385-5061

Email Address: _____

6. Total number of applications and patents involved:

1

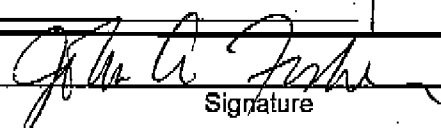
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ 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 50-2091Authorized User Name John A. Fisher**9. Signature:**


Signature

12/17/04
Date

John A. Fisher

Name of Person Signing

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

9

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

CH \$40.00 502091 10884371

IF&L Form - Assignment

United States Utility Patent Application
Attorney Docket No.: 004.0126
First Named Inventor: John F. Stumpf

ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter individually and collectively referred to as "ASSIGNOR") have invented:

CMP APPARATUS AND METHOD

for which application for Letters Patent of the United States:

- ☒ has been executed on even date herewith;
☐ executed on _____;
☐ was filed on _____ and assigned U.S. Application Serial No. _____;

AND WHEREAS, Novellus Systems, Inc., a ☒ corporation; ☐ partnership; individual ☐ having a place of business at 4000 N. First Street, San Jose, CA 95134 (hereinafter "ASSIGNEE"), and successors, assigns, and legal representatives, is desirous of acquiring an interest therein;

AND WHEREAS, a "formal application," as referred to herein, shall mean any provisional, nonprovisional, continuation, continuation in part, continued prosecution, substitute, renewal, extension, divisional, reissue, reexamination, foreign, Patent Cooperation Treaty (PCT) or other patent application, inventor's certificate, or like document;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid application, to the invention as described in the aforesaid application, and to any formal application which may be filed based in whole or in part on the aforesaid application, in the United States and all foreign countries, together with the right of priority under any international agreements to which the United States currently adheres and adheres to in the future, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND ASSIGNOR HEREBY AGREES to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention; and, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve

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and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein,

ASSIGNOR AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of formal applications based on the invention or improvements therein, and the perfecting of title thereto in ASSIGNEE.

EXECUTED as of the date(s) written below by ASSIGNOR:

JF Stumpf
Inventor's Signature

Date: 10/26/04

JOHN F. STUMPF
Inventor's Printed Name

STATE OF ARIZONA)
COUNTY OF Maricopa)

On this 26 day of October, 2004, before me personally came the above named John F. Stumpf, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



DEBBIE SIMPSON
Notary Public - Arizona
Maricopa County
Expires 02/15/06

NOTARY PUBLIC

My Commission Expires: 02/15/06

Debbie Simpson

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Franklin D. Root
Inventor's Signature

Date: 10/21/04

FRANKLIN D. ROOT
Inventor's Printed Name

STATE OF ARIZONA)
COUNTY OF Maricopa)

On this 21 day of October, 2004, before me personally came the above named Franklin D. Root, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



DEBBIE SIMPSON
Notary Public - Arizona
Maricopa County
Expires 02/15/06

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My Commission Expires:

Debbie Simpson
02/15/06

Brian Severson
Inventor's Signature

Date: 10/26/04

BRIAN SEVERSON
Inventor's Printed Name

STATE OF ARIZONA)
COUNTY OF Maricopa)

On this 26 day of October, 2004, before me personally came the above named Brian Severson, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



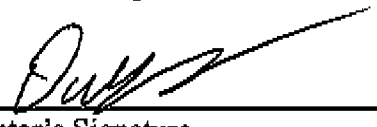
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Maricopa County
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My Commission Expires:

Debbie Simpson
02/15/06

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Inventor's SignatureDate: 10/21/04DAVID MARQUARDT

Inventor's Printed Name

STATE OF ARIZONA)COUNTY OF Maricopa)

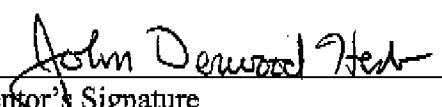
On this 21st day of October, 2004, before me personally came the above named David Marquardt, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



DEBBIE SIMPSON
Notary Public - Arizona
Maricopa County
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02/15/06
Inventor's SignatureDate: 10-25-04JOHN DERWOOD HERB

Inventor's Printed Name

STATE OF ARIZONA)COUNTY OF Maricopa)

On this 25 day of October, 2004, before me personally came the above named John Derwood Herb, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



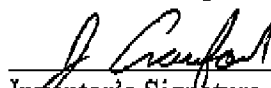
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Maricopa County
Expires 02/15/06

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My Commission Expires:

02/15/06

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Inventor's SignatureDate: 10/22/04JAMES JED CRAWFORD

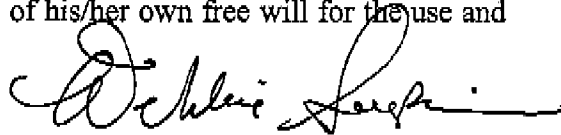
Inventor's Printed Name

STATE OF ARIZONA)COUNTY OF Maricopa)

On this 22nd day of October, 2004, before me personally came the above named James Jed Crawford, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



DEBBIE SIMPSON NOTARY PUBLIC

Notary Public - Arizona
Maricopa County
Expires 02/15/06My Commission Expires: 02/15/06
Inventor's SignatureDate: 10-21-04RAND CONNER

Inventor's Printed Name

STATE OF ARIZONA)COUNTY OF Maricopa)

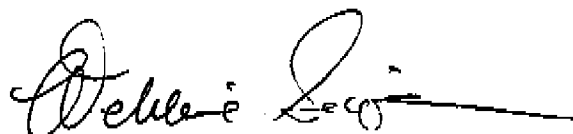
On this 21 day of October, 2004, before me personally came the above named Rand Conner, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



DEBBIE SIMPSON

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Maricopa County
Expires 02/15/06

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My Commission Expires: 02/15/06

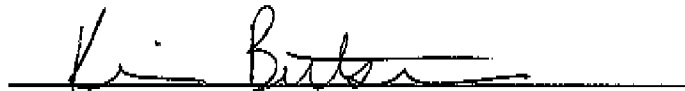
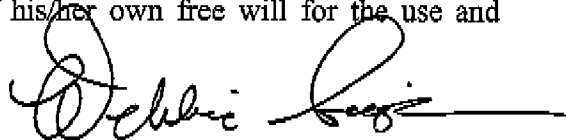
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Inventor's SignatureDate: 10/21/04JASENT MONTANO
Inventor's Printed NameSTATE OF ARIZONA)
COUNTY OF maricopa)

On this 21st day of October, 2004, before me personally came the above named Jasent Montano, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

DEBBIE SIMPSON
Notary Public - Arizona
Maricopa County
Expires 02/15/06

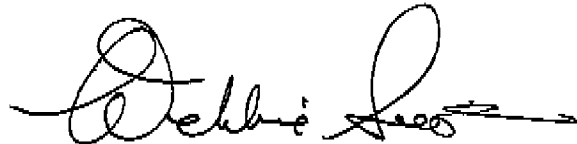
NOTARY PUBLIC

My Commission Expires: 02/15/06
Inventor's SignatureDate: 11/5/04KEVIN BERTSCH
Inventor's Printed NameSTATE OF ARIZONA)
COUNTY OF Maricopa)

On this 5th day of November, 2004, before me personally came the above named Kevin Bertsch, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

DEBBIE SIMPSON
Notary Public - Arizona
Maricopa County
Expires 02/15/06

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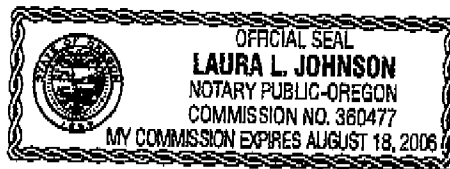
My Commission Expires: 02/15/06

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R. Marshall Stowell
Inventor's Signature

Date: 11/29/04

ROBERT MARSHALL STOWELL
Inventor's Printed Name



STATE OF OREGON)
COUNTY OF ~~CLATSOP~~ Washington

On this 29 day of November, 2004, before me personally came the above named Robert Marshall Stowell, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: August 18, 2006

EB Minshall
Inventor's Signature

Date: 11/29/04

EDMUND MINSHALL
Inventor's Printed Name



STATE OF OREGON)
COUNTY OF Washington

On this 29 day of November, 2004, before me personally came the above named Edmund Minshall, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: August 18 2006

IF&L Form - Assignment

Inventor's Signature

Timothy Cleary

Date:

11-29-04TIMOTHY CLEARY

Inventor's Printed Name

STATE OF OREGON)COUNTY OF Washington)

On this 29 day of November, 2004, before me personally came the above named Timothy Cleary, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

NOTARY PUBLIC

My Commission Expires: August 18, 2006