

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

NATURE OF CONVEYANCE:

Corrective Assignment to correct the Title from: Method for Making High Stress Amorphous CARBIDE Films to: Method for Making High Stress Amorphous CARBON Films previously recorded on Reel 021061 Frame 0679. Assignor(s) hereby confirms the Assignment of Patent Application.

CONVEYING PARTY DATA

Name	Execution Date
Qingguo Wu	05/27/2008
James S. Sims	05/27/2008
Mandyam Sriram	05/27/2008
Seshasayee Varadarajan	06/02/2008
Haiying Fu	05/27/2008
Pramod Subramonium	06/02/2008
Jon Henri	05/27/2008
Sirish Reddy	05/27/2008

RECEIVING PARTY DATA

Name:	Novellus Systems, Inc.
Street Address:	3970 North First Street
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12134969

CORRESPONDENCE DATA

Fax Number: (510)663-0920

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 510-663-1100

Email: mdeauclaire@wavsip.com

Correspondent Name: Weaver Austin Villeneuve & Sampson LLP

Address Line 1: PO Box 70250

PATENT

500638397

REEL: 021482 FRAME: 0463

CH \$40.00 12134969

Address Line 4: Oakland, CALIFORNIA 94612-0250

ATTORNEY DOCKET NUMBER:

NOVLP286/NVLS-3448

NAME OF SUBMITTER:

Vladimir Y. Gusev

Total Attachments: 7

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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 MAKING HIGH STRESS AMORPHOUS CARBON FILMS

(Atty. Docket No. NOVLP286/NVLS-3448), (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 granted upon (including foreign patents and the right to claim priority), the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all United States 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 representatives, 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: Qingguo Wu
Qingguo Wu

Date: 5/27/08

State of Oregon)
)
County of Washington) SS.

On May 27th 2008 before me, Laura L. Johnson,
personally appeared Qingguo Wu, who 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.

I certify under PENALTY OF PERJURY under the laws of the State of Oregon that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature

Laura L. Johnson



2. Inventor Signature: James S. Sims
James S. Sims

Date: 5/27/08

State of Oregon)
)
County of Washington) SS.

On May 27th 2008 before me, Laura L. Johnson,
personally appeared James S. Sims, who 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.

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foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature

Laura L. Johnson



3. Inventor Signature: M. d. Sriram
Mandyam Sriram

Date: 05/27/08

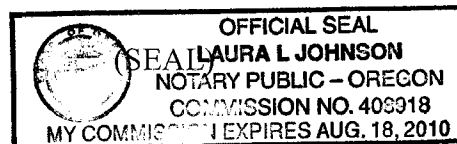
State of Oregon)
)
County of Washington) SS.

On May 27th 2008 before me, Laura L. Johnson,
personally appeared Mandyam Sriram, who 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.

I certify under PENALTY OF PERJURY under the laws of the State of Oregon that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature Laura L. Johnson



4. Inventor Signature: Seshasayee Varadarajan
Seshasayee Varadarajan

Date: 6/2/08

State of Oregon)
)
County of Washington) SS.

On June 2, 2008 before me, Laura L. Johnson,
personally appeared Seshasayee Varadarajan, who 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.

I certify under PENALTY OF PERJURY under the laws of the State of Oregon that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature Laura L. Johnson



5. Inventor Signature: [Signature]
Haiying Fu

Date: 5/27/2008

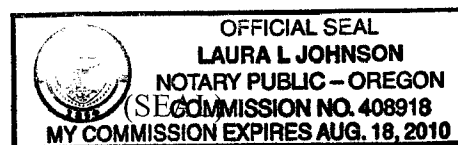
State of Oregon)
)
County of Washington) SS.

On May 27th 2008 before me, Laura L. Johnson,
personally appeared Haiying Fu, who 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.

I certify under PENALTY OF PERJURY under the laws of the State of Oregon that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature [Signature]



6. Inventor Signature: [Signature]
Pramod Subramonium

Date: 6/2/2008

State of Oregon)
)
County of Washington) SS.

On June 2, 2008 before me, Laura L. Johnson,
personally appeared Pramod Subramonium, who 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.

I certify under PENALTY OF PERJURY under the laws of the State of Oregon that the
foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature [Signature]



7. Inventor Signature:

Jon Henri

Date:

5/27/08

State of

Oregon

)

County of

Washington

)

SS.

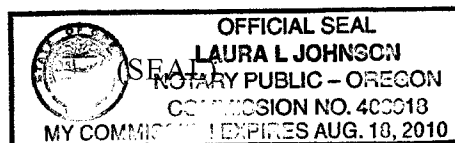
On May 27th 2008 before me, Laura L. Johnson, personally appeared Jon Henri, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), 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.

I certify under PENALTY OF PERJURY under the laws of the State of Oregon that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature

Laura L. Johnson



8. Inventor Signature:

K. Sirish Reddy
Sirish Reddy

Date:

5/27/08

State of

Oregon

)

County of

Washington

)

SS.

On May 27th 2008 before me, Laura L. Johnson, personally appeared Sirish Reddy, who 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.

I certify under PENALTY OF PERJURY under the laws of the State of Oregon that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Notary Signature

Laura L. Johnson



D:WEAVER AUSTIN VILLENEUVE & AMPSON LLP COMPANY:PO BOX 0250

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500560538

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NEW ASSIGNMENT

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Seshasayee Varadarajan	06/02/2008
Haiying Fu	05/27/2008
Pramod Subramonium	06/02/2008
Jon Henri	05/27/2008
Sirish Reddy	05/27/2008

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Phone: 5106631100

Email: mdeauclaire@wavsip.com

Correspondent Name: Weaver Austin Villeneuve & Sampson LLP

Address Line 1: PO Box 70250

Address Line 4: Oakland, CALIFORNIA 94612-0250

ATTORNEY DOCKET NUMBER:

NOVLP286/NVLS-3438

CH 12134969 \$40.00

D:WEAVER AUSTIN VILLENEUVE & AMPSON LLP COMPANY:PO BOX 0250

NAME OF SUBMITTER:

Vladimir Y. Gusev

Total Attachments: 5

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