Form PTO-1595 (Rev. 03-09)	ng_30-2009 ^{cor}
OMB No. 0651-0027 (exp. 03/31/2009)	
RECORDATION F PATEN	
To the Director of the U.S. Patent and Trademark Office: Ple	ase rewind and accord documents or the new address(es)
1. Name of conveying party(ies)	2. Name and address of receiving party(ies
Eugene Smargiassi	Name: Novellus Systems, Inc.
Stephen Yu-Hong Lau George D. Kamian	Internal Address:
Ming Xi	
Additional name(s) of conveying party(ies) attached? Yes X I	
3. Nature of conveyance/Execution Date(s):	Street Address: 4000 North First Street
Execution Date(s) <u>March 16 & 21, 2006</u>	-
	City:_ <u>San Jose</u>
Security Agreement Change of Name	
Joint Research Agreement	State: <u>CA</u>
Government Interest Assignment	Country: USA Zip: 95134
Executive Order 9424, Confirmatory License	
Other	
A. Patent Application No.(s)	Additional name(s) & address(es) attached? Y is document is being filed together with a new ap B. Patent No.(s)
A. Patent Application No.(s) Additional numbers 5. Name and address to whom correspondence	is document is being filed together with a new ap B. Patent No.(s)
A. Patent Application No.(s) Additional numbers 5. Name and address to whom correspondence concerning document should be mailed:	is document is being filed together with a new ap B. Patent No.(s) attached? Yes XNo
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A. Patent Application No.(s) Additional numbers 5. Name and address to whom correspondence concerning document should be mailed: Name:	is document is being filed together with a new ap B. Patent No.(s) attached? Yes XNo 6. Total number of applications and paten involved: <u>one</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40</u>
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A. Patent Application No.(s) Additional numbers Concerning document should be mailed: Name: Thomas Swenson Internal Address: Internal Address: Street Address: City: Boulder State: Co Zip: 80302 Phone Number: 303-440-7800 Fax Number:	is document is being filed together with a new ap B. Patent No.(s) 6. Total number of applications and patent involved: one 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 Authorized to be charged to deposit acco Enclosed None required (government interest not affe 8. Payment Information Deposit Account Number
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A. Patent Application No.(s) Additional numbers Concerning document should be mailed: Name: Thomas Swenson Internal Address: Internal Address: Street Address: City: Boulder State: CO Zip: B0302 Phone Number: 303-440-7800 Fax Number:	is document is being filed together with a new ap B. Patent No.(s) 6. Total number of applications and patent involved: one 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40 Authorized to be charged to deposit acco Enclosed None required (government interest not affe 8. Payment Information Deposit Account Number

19/21/2009 HDESTA1 00000039 12586175 4 FC:8021 40.00 OP

PATENT REEL: 023302 FRAME: 0232

New Divisional Application Attorney Docket No. 3150D1-126D1 (copy of Assignment submitted in parent 11/391,134)

PATENT

For:	🔀 U.S. Rights 🔀 Foreign Rights
For:	U.S. Application U.S. Patent Other -
By:	🔀 Inventors 🔲 Other -

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:	Name: Address: Nationality:	Eugene Smargiassi 10849 SW Brown Street Tualatin, OR 97062 USA
	Name:	Stephen Yu-Hong Lau
	Address:	14356 Holly Springs Road Lake Oswego, OR 97035
	Nationality:	USA
	Name:	George D. Kamian
	Address:	425 Silverwood Drive Scotts Valley, CA 95066
	Nationality:	USA
	Name:	Ming Xi
	Address:	767 Loma Verde Ave. #A
	Nationality:	Palo Alto, CA 94303 USA

hereby sells, assigns, and transfers to:

ASSIGNEE:	Name:	Novellus Systems, Inc.	
	Address:	4000 North First Street	
		San Jose, CA 95134	
	State or Country of Formation:	California	

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for: \square the United States and its territorial possessions, \square all foreign countries, including all rights to claim priority, in and to the invention entitled:

PURGING OF POROGEN FROM UV CURE CHAMBER

in (37 C.F.R. Section 3.21) U.S. Application No. filed on U.S. Application filed herewith Other -

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(Assignment of Invention--page 1 of 2

PATENT REEL: 023302 FRAME: 0233

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including any and all improvements which are disclosed therein, \boxtimes and any legal equivalent of the foregoing invention, application and improvements in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, divisional, provisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenant that ASSIGNEE will, upon ASSIGNEE's request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or ASSIGNEE's legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the respective date below.

Date: 3 21 2006

Date: 21 MAR 2006

Namej Eugene Sinargiassi

Name: Stephen Yu-Hong Lau

Name: George D. Kamian

Date: _____

Date:

Name: Ming Xi

(Unless the context otherwise requires, words imparting the singular number shall include the plural and vice versa, and words imparting the use of any gender shall include all genders.)

(Assignment of Invention--page 2 of 2)

PATENT REEL: 023302 FRAME: 0234

185071v1

including any and all improvements which are disclosed therein, \boxtimes and any legal equivalent of the foregoing invention, application and improvements in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, divisional, provisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenant that ASSIGNEE will, upon ASSIGNEE's request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or ASSIGNEE's legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on the respective date below.

Date:	Name: Eugene Smargiassi
Date:	Name: Stephen Yu-Hong Lau
Date:	Method 3/21/06 Name: George D. Kamian
Date:	

Name: Ming Xi

(Unless the context otherwise requires, words imparting the singular number shall include the plural and vice versa, and words imparting the use of any gender shall include all genders.)

(Assignment of Invention--page 2 of 2)

PATENT REEL: 023302 FRAME: 0235

185071v1

including any and all improvements which are disclosed therein, \boxtimes and any legal equivalent of the foregoing invention, application and improvements in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, divisional, provisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

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Date:		
	Name: Eugene Smargiassi	
	• •	
Date:	Name: Stephen Yu-Hong Lau	
Date:		
	Name: George D. Kamian	
Date: 3/16/06	Min	
	Name: Ming Xi	

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(Assignment of Invention--page 2 of 2)

PATENT REEL: 023302 FRAME: 0236

RECORDED: 09/18/2009