

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Jonathan D. Mohn</td> <td>09/26/2012</td> </tr> <tr> <td>Shawn M. Hamilton</td> <td>09/27/2012</td> </tr> <tr> <td>Harald te Nijenhuis</td> <td>09/27/2012</td> </tr> <tr> <td>Jeffrey E. Lorelli</td> <td>09/26/2012</td> </tr> <tr> <td>Kevin Madrigal</td> <td>09/27/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jonathan D. Mohn	09/26/2012	Shawn M. Hamilton	09/27/2012	Harald te Nijenhuis	09/27/2012	Jeffrey E. Lorelli	09/26/2012	Kevin Madrigal	09/27/2012
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RECEIVING PARTY DATA													
Name:	Novellus Systems, Inc.												
Street Address:	4000 North First Street												
City:	San Jose												
State/Country:	CALIFORNIA												
Postal Code:	95134												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13631364</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13631364								
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Application Number:	13631364												
CORRESPONDENCE DATA													
Fax Number:	5106630920												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
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Correspondent Name:	Weaver Austin Villeneuve & Sampson LLP												
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ATTORNEY DOCKET NUMBER:	NOVLP490												
NAME OF SUBMITTER:	Christian D. Scholz												
Total Attachments: 2 source=NVLS003770_NOVLP490_Executed_Assignment#page1.tif source=NVLS003770_NOVLP490_Executed_Assignment#page2.tif													

CH \$40.00 13631364

ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned named inventor, possess the right, title and interest for and in the Invention(s) as set forth in the patent application entitled: VARIABLE SHOWERHEAD FLOW BY VARYING INTERNAL BAFFLE CONDUCTANCE (Atty. Docket No. NOVLP490/NVLS003770), and

(1) for which I have executed a U.S. patent application;

AND/OR

(2) the same having been filed on (September 28, 2012), as Application No. (13/631,364);

OR


(3) which is a U.S. Provisional Patent Application filed on (), as Application No. ();

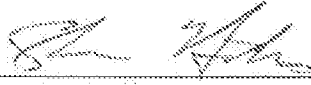
in connection with which I hereby authorize and request the assignee's attorneys associated with Customer Number 83422 to insert within the foregoing parentheses the filing date and/or Application No. of said application when known.


NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned named inventor, hereby:

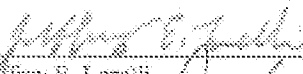
- 1) Sell, assign and transfer to **Novellus Systems, Inc.**, a California corporation having a place of business at 4000 North First Street, San Jose, California 95134 ("ASSIGNEE"), the entire right, title and interest in the above-referenced application including any and all improvements and inventions disclosed therein, and in applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters 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 representative, and shall be binding upon the named inventor, as well as the named 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.

Signed on the date indicated beside my signature.

1) Signature:  Date: 9-26-12
Typed Name: Jonathan D. Mohn

2) Signature:  Date: 9/27/12
Typed Name: Shawn M. Hamilton

3) Signature:  Date: 9/27/12
Typed Name: Harald te Nijenhuis

4) Signature:  Date: 9-26-12
Typed Name: Jeffrey E. Lorelli

5) Signature:  Date: 9/27/12
Typed Name: Kevin Madrigal

If signed outside the United States of America, have two witnesses who also sign below:

1) Signature: _____ Date: _____

2) Signature: _____ Date: _____