

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Mohamed Sabri</td> <td>03/02/2012</td> </tr> <tr> <td>Ramkishan Rao Lingampalli</td> <td>03/02/2012</td> </tr> <tr> <td>Karl F. Leeser</td> <td>03/02/2012</td> </tr> </tbody> </table>		Name	Execution Date	Mohamed Sabri	03/02/2012	Ramkishan Rao Lingampalli	03/02/2012	Karl F. Leeser	03/02/2012
Name	Execution Date								
Mohamed Sabri	03/02/2012								
Ramkishan Rao Lingampalli	03/02/2012								
Karl F. Leeser	03/02/2012								
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>13411369</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13411369				
Property Type	Number								
Application Number:	13411369								
CORRESPONDENCE DATA									
Fax Number:	(510)663-0920								
Phone:	510-663-1100								
Email:	mheymann@wavsip.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Weaver Austin Villeneuve & Sampson LLP								
Address Line 1:	PO Box 70250								
Address Line 4:	Oakland, CALIFORNIA 94612-0250								
ATTORNEY DOCKET NUMBER:	NOVLP403								
NAME OF SUBMITTER:	Christian D. Scholz								
<p>Total Attachments: 4</p> <p>source=NOVLP403_NVLS003671_Executed_Assignment#page1.tif</p> <p>source=NOVLP403_NVLS003671_Executed_Assignment#page2.tif</p> <p>source=NOVLP403_NVLS003671_Executed_Assignment#page3.tif</p> <p>source=NOVLP403_NVLS003671_Executed_Assignment#page4.tif</p>									

CH \$40.00 13411369

## ASSIGNMENT OF PATENT APPLICATION

Whereas I, an undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

### *HYBRID CERAMIC SHOWERHEAD*

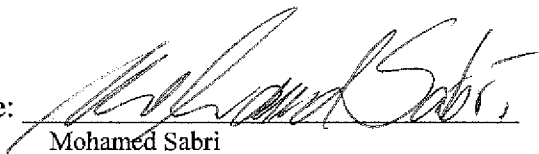
(Atty. Docket No. NOVLP403/NVLS003671), (check one)

- 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 4000 North First Street, San Jose, California 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:**   
Mohamed Sabri

**Date:** 3/2/12

2. **Inventor Signature:** \_\_\_\_\_  
Ramkishan Rao Lingampalli

**Date:** \_\_\_\_\_

3. **Inventor Signature:**   
Karl F. Leeser

**Date:** 2 March 2012

## ASSIGNMENT OF PATENT APPLICATION

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### *HYBRID CERAMIC SHOWERHEAD*

(Atty. Docket No. NOVLP403/NVLS003671), (check one)

- for which I have executed a U.S. patent application on even date herewith. (Accompanying)  
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Signed on the date indicated beside my signature.

1. **Inventor Signature:** \_\_\_\_\_  
Mohamed Sabri

**Date:** \_\_\_\_\_

2. **Inventor Signature:** L. Ramkishan Rao  
Ramkishan Rao Lingampalli

**Date:** 03/02/2012

3. **Inventor Signature:** \_\_\_\_\_  
Karl F. Leeser

**Date:** \_\_\_\_\_