U.S. PTO 11/974966 10/16/2007

# ASSIGNMENT RECORDATION COVER SHEET -PATENTS ONLY-

| Commissioner of Patents: |                |  | 10-26-2007  |             |   |
|--------------------------|----------------|--|---|-------------|---|
|                          | Please         | record the attacl  | ned document.   |             |   |
| 1.                       | a)<br>b)<br>c) | of conveying par<br>Henner Meinhe<br>Dan M. Doble<br>Stephen Lau<br>Vince Wilson<br>Easwar Sriniva | əld   | 103456449   |   |
| 2.                       | Name a<br>a)   | and address of re<br>Name:<br>Address:   | cceiving party:<br>Novellus Syst<br>3970 North Fi<br>San Jose, Cali | irst Street | t   |
| 3.                       | Nature         | of conveyance:<br>Assignment<br>Security Agree<br>Other  | ment  |             | Merger<br>Change of Name<br>License Agreement |
|                          | Execut         | ion Date: 10/10  | /07; 10/15/07   |             |   |

4. Application Number or Patent Number: Not yet assigned

The title of the application is: TEMPERATURE CONTROLLED SHOWERHEAD

5. Please send all correspondence concerning this document to:

> **Beyer Weaver LLP** P.O. Box 70250 Oakland, CA 94612-0250 Customer Number: 022434

- Total number of applications and patents involved: 1 6.
- Total fee (37 CFR 3.41): <u>\$40.00</u> 7.



10-16-7

Enclosed. Charge to Deposit Account No. 500388 (Order No. ). Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. NOVLP246).

October 16, 2007 Date:

Cindy H. Shr

Registration No. 48,721

| .0/18/2007 | EAYALEW1 | 00000117 | 11 | 874966       |    |
|------------|----------|----------|----|--------------|----|
| )5 FC:8021 |          |          | (  | <b>40.00</b> | OP |

Denise S. Bergin

Registration No. 50,581

Total number of pages including this cover sheet, attachments and documents: 09

Attorney Docket No. NOVLP246/NVLS-3344

(Revised 9/03)

# **ASSIGNMENT OF PATENT APPLICATION**

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

### **TEMPERATURE CONTROLLED SHOWERHEAD**

(Atty. Docket No. NOVLP246/NVLS-3344), (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, 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:<br>Henner Meinhold Date: 10/10/2007   |                                 |
|--|---------------------------------|
| State of California )  |                                 |
| County of <u>Savra Class</u> ) ss.   |                                 |
| On this $lot day$ of $lot day day$ , in the year 2007, before more than $k$ . Rogers, Notary Public, personally appeared Henner Meinhold, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same is his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument. WITNESS my hand and official seal.<br>Notary Signature Mark. Regres   | 1-y<br>is<br>is<br>555<br>mio ž |
| 2. Inventor Signature: Dan M. Doble Date:  |                                 |
| State of Massachusetts )<br>) ss.<br>County of)  |                                 |
| On this day of, in the year 2007 before me   | e,                              |
| , Notary Public personally appeared Dan Doble, personally known to<br>me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribe<br>to the within instrument, and acknowledged to me that he/she executed the same in his/he<br>authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upo<br>behalf of which the person acted, executed the instrument.<br>WITNESS my hand and official seal.   | o<br>d<br>er                    |
| Notary Signature (SEAL)  |                                 |
| - 3. Inventor Signature: Date:<br>Stephen Lau  |                                 |
| State of Oregon )<br>County of) ss.  | æ                               |
| On this day of, in the year 2007 before m<br>On this, Notary Public personally appeared Stephen Lau, personally know<br>, Notary Public personally appeared Stephen Lau, personally know<br>to me (or proved to me on the basis of satisfactory evidence) to be the person whose name<br>subscribed to the within instrument, and acknowledged to me that he/she executed the same<br>subscribed to the within instrument, and acknowledged to me that he/she executed the same<br>subscribed to the within instrument, and that by his/her signature on the instrument the person, or the<br>his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the<br>entity upon behalf of which the person acted, executed the instrument.<br>WITNESS my hand and official seal. | in                              |
|  | •                               |
| Notary Signature PATENT<br>REEL: 020029 FRAME: 050   | 3                               |

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Signed on the date indicated beside my signature.

Revised 01/02, Assign US Notary

| 1. Inventor Signature:  |  | Date:  |  |
|---|--|--|--|
|   | r Meinhold   | <b>2</b> /8tt  |  |
| State of California   | )<br>) ss.   |  |  |
| County of   |  |  |  |
| On this day   | of   | , in the year 200<br>ally appeared Henner Meir   | 7, before me,  |
| known to me (or proved to me<br>subscribed to the within instru-<br>his/her authorized capacity(ies)<br>entity upon behalf of which the<br>WITNESS my hand and  | on the basis of satisfacto<br>ment, and acknowledge<br>, and that by his/her signerson acted, executed the                       | ry evidence) to be the perso<br>d to me that he/she execu-<br>nature on the instrument th  | n whose name is  |
| Notary Signature  |  |  |  |
| 2. Inventor Signature:  | Doble  | Date: <u>10/15</u>   | - <u>1200</u> 7  |
| State of Massachusetts Mas  | ssachusetts;   | `  |  |
| County of Hiddleser   | ) SS.  |  |  |
| On this 5th day<br>Dan Doble<br>me (or proved to me on the basis<br>to the within instrument, and<br>authorized capacity(ies), and that<br>behalf of which the person acted<br>WITNESS my hand and of | Notary Public personally<br>of satisfactory cvidence<br>acknowledged to me<br>by his/her signature on<br>executed the instrument | ) to be the person whose name<br>that he/she executed the second the | onally known to<br>me is subscribed<br>same in his/her |
| Notary Signature  | K. Dhan  |  | (* <u>* 1</u> *  |
| 3. Inventor Signature:  |  | Date:  |  |
| State of Oregon   | )<br>) ss.   |  |  |
| County of   | j  |  |  |
| On this day   | of   | , in the year 200<br>y appeared Stephen Lau, pe  | 7 before me,<br>ersonally known                        |
| to me (or proved to me on the<br>subscribed to the within instrum<br>his/her authorized capacity(ies),<br>entity upon behalf of which the p<br>WITNESS my hand and                                    | basis of satisfactory e<br>nent, and acknowledge<br>and that by his/her sign<br>person acted, executed th                        | d to me that he/she execute<br>nature on the instrument th   | ted the same in  |
| WIINESS my hand and   |  |  | ·  |

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Notary Signature

Revised 01/02. Assign US Notary

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PATENT REEL: 020029 FRAME: 0505

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| 4. Inventor Signature:   | Date:   |
|--|---|
| Vince Wilson   |   |
| State of Oregon )  | <b>\$</b> 5.  |
| County of)   |   |
| On this day of, Notary Public  | , in the year 2007 before me, personally appeared Vince Wilson, personally known  |
| to me (or proved to me on the basis of satis<br>subscribed to the within instrument, and ack | sfactory evidence) to be the person whose name is<br>nowledged to me that he/she executed the same in<br>is/her signature on the instrument the person, or the                                |
| Notary Signature   | (SEAL)  |
| 5. Inventor Signature:<br>Easwar Srinivasan  | Date:   |
| State of Oregon )  | 58.   |
| County of)   |   |
| , Notary Public  | , in the year 2007 before mc, personally appeared Easwar Srinivasan, personally   |
| subscribed to the within instrument, and ack   | satisfactory evidence) to be the person whose name is<br>nowledged to me that he/she executed the same in<br>is/her signature on the instrument the person, or the<br>secuted the instrument. |
| Nctary Signature   |   |

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## ASSIGNMENT OF PATENT APPLICATION

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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.

Revised 01/02, Assign US Notary

| 1. Inventor Signature:   |  | Dat   | e:  |
|--|--|---|---|
| 3  | Henner Meinhold  |   |   |
| State of California  | )  |   |   |
| County of  | )  | SS.   |   |
| On this  | day of   | , in the  | e year 2007, before me,   |
| known to me (or proved to<br>subscribed to the within  | o me on the basis of satis<br>instrument, and acknow<br>y(ies), and that by his/he<br>n the person acted, execu                    | factory evidence) to<br>ledged to me that l<br>er signature on the i                      | Henner Meinhold, personally<br>be the person whose name is<br>he/she executed the same in<br>instrument the person, or the  |
| Notary Signature   |  |   | (SEAL)  |
| 2. Inventor Signature:   | Dan M. Doble   | Date  | e:  |
| State of Massachusetts   |  | )   |   |
| County of  | )  | SS.   |   |
| me (or proved to me on the to the within instrument,   | , Notary Public pers<br>basis of satisfactory evi<br>and acknowledged to<br>d that by his/her signatu<br>acted, executed the instr | onally appeared Dar<br>dence) to be the pers<br>me that he/she ex<br>re on the instrument | e year 2007 before me,<br>n Doble, personally known to<br>son whose name is subscribed<br>secuted the same in his/her<br>the person, or the entity upon   |
| Notary Signature   |  |   | (SEAL)  |
| 3. Inventor Signature:   | Stephen Lau  | Dan_ Date   | e: Oct 10, 2007   |
| State of Oregon  | )  |   |   |
| County of Wath   | nton ?   | SS.   |   |
| to me (or proved to me<br>subscribed to the within<br>his/her authorized capacit<br>entity upon behalf of whic<br>WITNESS my han<br>Notary Signature | on the basis of satisfac<br>instrument, and acknow<br>y(ies), and that by his/h<br>h the person acted, execu-                      | sonally appeared Ste<br>tory evidence) to by<br>ledged to me that<br>er signature on the  | e year 2007 before me,<br>ephen Lau, personally known<br>e the person whose name is<br>he/she executed the same in<br>instrument the person, or the<br>OFFICIAL SEAL<br>SE AURA L JOHNSON<br>NOTARY PUBLIC - OREGON<br>COMMISSION NO. 408918<br>MY COMMISSION EXPIRES AUG. 18, 2010 |

Revised 01/02, Assign US Notary

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| 4. Inventor Signature: <u>Vince Wilson</u> Date: <u>10-10-07</u><br>Vince Wilson  |
|---|
| State of Oregon<br>County of With the person acted, executed the instrument.<br>WITNESS my hand and official seal.<br>Notary Signature With With With With With With With With  |
| 5. Inventor Signature: <u>Fastion - S</u><br>Easwar Srinivasan Date: <u>10<sup>th</sup> Oct</u> , 2007  |
| State of Oregon ) ss.   |
| On this day of OCONCR, in the year 2007 before me,<br>Notary Public personally appeared Easwar Srinivasan, personally<br>known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is<br>subscribed to the within instrument, and acknowledged to me that he/she executed the same in<br>his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the<br>entity upon behalf of which the person acted, executed the instrument.<br>WITNESS my hand and official seal. |
| Notary Signature DULIC - ORECCIJ<br>COMMISSION NO. 402010<br>MY COMMISSION EXPIRES AUG. 10, 2010  |

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Revised 01/02, Assign US Notary

PATENT REEL: 020029 FRAME: 0509

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**RECORDED: 10/16/2007** 

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