

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>Christopher Gage</td> <td>06/13/2008</td> </tr> <tr> <td>Lee Peng Chua</td> <td>06/02/2008</td> </tr> </tbody> </table>		Name	Execution Date	Christopher Gage	06/13/2008	Lee Peng Chua	06/02/2008				
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<table border="1"> <tr> <td>Name:</td> <td>Novellus Systems, Inc.</td> </tr> <tr> <td>Street Address:</td> <td>4000 North First Street</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95134</td> </tr> </table>		Name:	Novellus Systems, Inc.	Street Address:	4000 North First Street	City:	San Jose	State/Country:	CALIFORNIA	Postal Code:	95134
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CORRESPONDENCE DATA											
<p>Fax Number: 5106630920 Phone: 5106631100 Email: lervin@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: Denise Bergin/WAVS LLP Address Line 1: P.O. Box 70250 Address Line 4: Oakland, CALIFORNIA 94612-0250</p>											
ATTORNEY DOCKET NUMBER:	NOVLP232/NVLS-3325										
NAME OF SUBMITTER:	Denise Bergin										
<p>Total Attachments: 3 source=NOVLP232_Assignment#page1.tif source=NOVLP232_Assignment#page2.tif source=NOVLP232_Assignment#page3.tif</p>											

CH \$40.00 12140196

PATENT

ASSIGNMENT OF PATENT APPLICATION

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

TRANSFERRING HEAT IN LOADLOCKS

(Atty. Docket No. NOVLP232/NVLS-3325), (check one)

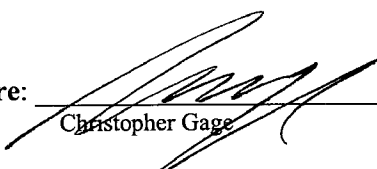
- ☐ for which I have executed a U.S. patent application on even date herewith. (Accompanying)
☒ which bears U.S. application No. 12/140,196 . (Not accompanying)
☐ which is a U.S. provisional application. (Accompanying)

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: _____


Christopher Gage

Date: _____

6/13/08

State of California)

County of (SANTA CLARA)

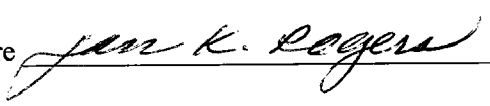
SS.

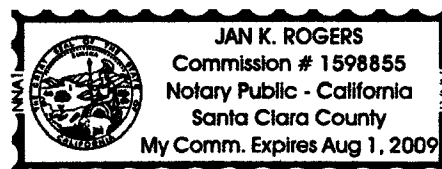
On JUNE 13, 2008 before me, JAN K. ROGERS, NOTARY PUBLIC, personally appeared Christopher Gage, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their 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 California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____





2. Inventor Signature: _____

Lee Peng Chua

Date: _____

State of Oregon)

County of _____)

SS.

On _____ before me, _____, personally appeared Lee Peng Chua, 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.

Signature _____

1. Inventor Signature: _____
Christopher Gage

Date: _____

State of California)
)
County of _____) SS.

On _____ before me, _____,
personally appeared **Christopher Gage**, 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 California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature _____

2. Inventor Signature: _____
Lee Peng Chua

Date: 6/2/08

State of Oregon)
)
County of Washington) SS.

On June 2, 2008 before me, Laura L. Johnson,
personally appeared **Lee Peng Chua**, 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.

Signature Laura L. Johnson

