

# PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Tony P. Chiang	10/13/2009
Karl Leaser	11/11/2009
<b>RECEIVING PARTY DATA</b>	
Name:	Novellus Systems, Inc.
Street Address:	3970 North First Street
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	12510922
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(510)663-0920
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	5106631100
Email:	lervin@wavsip.com
Correspondent Name:	Denise Bergin/WAVS LLP
Address Line 1:	P.O. Box 70250
Address Line 4:	Oakland, CALIFORNIA 94612-0250
ATTORNEY DOCKET NUMBER:	NOVLP309_NVLS002963**CP1
NAME OF SUBMITTER:	Denise Bergin
Total Attachments: 3 source=NOVLP309_NVLS002963__CP1_Assignment_executed#page1.tif source=NOVLP309_NVLS002963__CP1_Assignment_executed#page2.tif source=NOVLP309_NVLS002963__CP1_Assignment_executed#page3.tif	

CH \$40.00 12510922

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**PATENT**  
**REEL: 023534 FRAME: 0632**

## ASSIGNMENT OF PATENT APPLICATION

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

### *MODULATED ION-INDUCED ATOMIC LAYER DEPOSITION (MII-ALD)*

(Atty. Docket No. NOVLP309C1X2), (check one)

- ☐ for which I have executed a U.S. patent application on even date herewith. (Accompanying)  
☒ which bears U.S. application No. 12/510,922. (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: \_\_\_\_\_

Tony P. Chiang

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

10/13/09

State of California )

County of \_\_\_\_\_ )

Santa Clara

ss.

On Oct 13, 2009 before me, Kimberly J. Rosell Notary Public  
personally appeared Tony P. Chiang

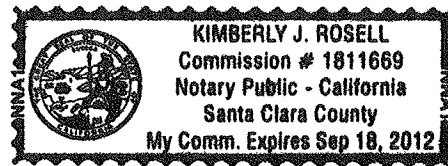
\_\_\_\_\_, who  
proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are  
subscribed to the within instrument and acknowledged to me that he/she/they executed the same in  
his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument 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 \_\_\_\_\_

*Kimberly J. Rosell*



2. Inventor Signature: \_\_\_\_\_

Karl Leeser

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

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Signed on the date indicated beside my signature.

1. Inventor Signature: \_\_\_\_\_  
Tony P. Chiang

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

2. Inventor Signature: \_\_\_\_\_  
Karl Leeser

Date: 11 Nov 2009