

08-21-2001

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ASSIGNM



HEET

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JC971 U.S. PTO
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08/10/01

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

- 1. Name of conveying party(ies)
 - a) Jonathan D. Reid
 - b) Steven T. Mayer
 - c) R. Marshall Stowell
 - d) Evan E. Patton
 - e) Jeff A. Hawkins
- 2. Name and address of receiving party(ies):
 - a) Name: Novellus Systems, Inc.
 - Address: 3970 North First Street, San Jose, California 95134

- 3. Nature of conveyance

<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger
<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name
<input type="checkbox"/> Other _____	<input type="checkbox"/> License Agreement

Execution Date: July 11, 2001 [Reid, Mayer, Stowell, and Hawkins] and July 10, 2001 [Patton]

- 4. Application Number(s) or Patent Number(s): Not yet assigned

The title of the (new) application is: IMPROVED CLAMSHELL APPARATUS FOR ELECTROCHEMICALLY TREATING WAFERS

- 5. Please send all correspondence concerning this (these) documents to:

Customer Number: 022434
 BEYER WEAVER & THOMAS, LLP
 P.O. Box 778
 Berkeley, CA 94704-0778
 Phone (510) 843-6200
 Fax (510) 843-6203

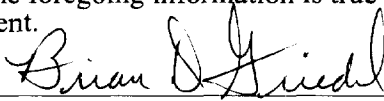
- 6. Total number of applications and patents involved: 1

- 7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
- Any additional fees are authorized to be charged to Deposit Account No. 500388 (Order No. NOVLP020)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: August 10, 2001



 Brian D. Griedel
 Registration No. P-48,425

08/15/2001 AB00NE1 00000040 09927741
 03 FC:581 40.00 OP

ASSIGNMENT OF PATENT APPLICATION

(Accompanying Application)

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

IMPROVED CLAMSHELL APPARATUS FOR ELECTROCHEMICALLY TREATING WAFERS

(Atty. Docket No.: NOVLP020/NVLS-422) for which I (we) have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/We the undersigned inventor(s) hereby:

- 1) Sell(s), assign(s) and transfer(s) to **Novellus Systems, Inc.**, a **California** corporation having a place of business at 3970 North First Street, San Jose, California 95134, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in 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(s), continuation(s), substitutes(s) or reissue(s) 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 and 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 inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date(s) indicated beside my (our) signature(s).

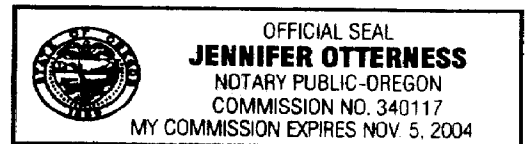
1. Inventor Signature: *Jonathan D. Reid* Date: 7/11/01
Jonathan D. Reid

State of California)
County of Clackamas) ss.

On this 11 day of July, in the year 2001, before me, Jennifer Otterness, Notary Public, personally appeared Jonathan D. Reid, 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 in 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.

Notary Signature *Jennifer Otterness*



2. Inventor Signature: [Signature]

Steven T. Mayer

Date: 7/11/01

State of California)
County of Clackamas) ss.

On this 11 day of July, in the year 2001, before me, Jennifer Otterness, Notary Public personally appeared Steven T. Mayer, 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 in 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.

Notary Signature Jennifer Otterness



3. Inventor Signature: [Signature]

R. Marshall Stowell

Date: 07/11/01

State of California)
County of Clackamas) ss.

On this 11 day of July, in the year 2001, before me, Jennifer Otterness, Notary Public, personally appeared R. Marshall Stowell, 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 in 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.

Notary Signature Jennifer Otterness



4. Inventor Signature: [Signature]

Evan E. Patton

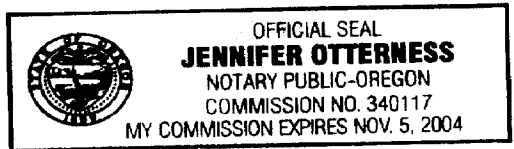
Date: 7/10/01

State of California)
County of Clackamas) ss.

On this 10 day of July, in the year 2001, before me, Jennifer Otterness, Notary Public, personally appeared Evan E. Patton, 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 in 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.

Notary Signature Jennifer Otterness



5. Inventor Signature: Jeff Hawkins
Jeff A. Hawkins

Date: 7-11-01

State of California)
County of Clackamas) ss.

On this 11 day of July, in the year 2001, before me, Jennifer Otterness, Notary Public, personally appeared Jeff A. Hawkins, 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 in 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.

Notary Signature Jennifer Otterness

