

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Rich Blank	04/27/2009
Jim Roberts	04/16/2009
Wayne Tang	04/22/2009
Michael Bergeson	04/22/2009

RECEIVING PARTY DATA

Name:	Novellus Systems, Inc.
Street Address:	3970 North First Street
City:	San Jose
State/Country:	CALIFORNIA
Postal Code:	95134

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12432620

CORRESPONDENCE DATA

Fax Number: (510)663-0920
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 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:	NOVLP300/NVLS-3483
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NAME OF SUBMITTER:	Denise Bergin
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Total Attachments: 3
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**PATENT
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ASSIGNMENT OF PATENT APPLICATION

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

MAGNETIC ROTATIONAL HARDSTOP FOR ROBOT

(Atty. Docket No. NOVLP300/NVLS-3483), (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: *Rich Blank*
Rich Blank

Date: 4-27-09

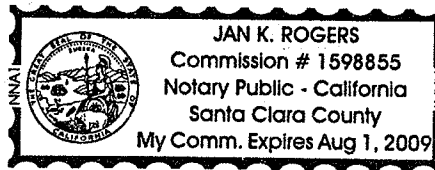
State of California)
County of SANTA CLARA) ss.

On April 27, 2009 before me, JAN K. ROGERS, NOTARY PUBLIC,
personally appeared RICH BLANK

_____, 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 *Jan K. Rogers*

2. Inventor Signature: *Jim Roberts*
Jim Roberts

Date: 4-16-2009

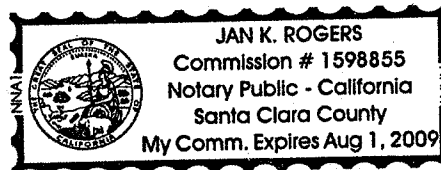
State of California)
County of SANTA CLARA) ss.

On April 16, 2009 before me, JAN K. ROGERS, NOTARY PUBLIC,
personally appeared JIM ROBERTS

_____, 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 *Jan K. Rogers*

3. Inventor Signature: Wayne Tang Date: 4-22-09
Wayne Tang

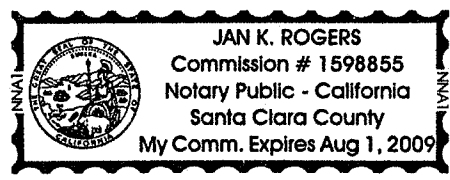
State of California)
County of SANTA CLARA) SS.

On April 22, 2009 before me, JAN K. ROGERS, NOTARY PUBLIC,
personally appeared WAYNE TANG

_____, 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 Jan K. Rogers

4. Inventor Signature: Michael Bergeson Date: 4-22-09
Michael Bergeson

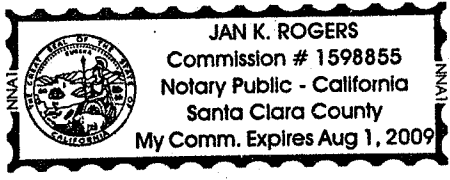
State of California)
County of SANTA CLARA) SS.

On _____ before me, JAN K. ROGERS, NOTARY PUBLIC,
personally appeared MICHAEL BERGESON

_____, 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 Jan K. Rogers