

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the Incoreced Assignment was filed previously recorded on Reel 018770 Frame 0814. Assignor(s) hereby confirms the Information of Assignment is incorrect.

CONVEYING PARTY DATA

Name	Execution Date
Thomas N. Horsky	12/09/2003
Brian C. Cohen	12/31/2003
Wade A. Krull	12/09/2003
George P. Sacco, Jr.	12/09/2003

RECEIVING PARTY DATA

Name:	SemEquip, Inc.
Street Address:	34 Sullivan Road
Internal Address:	Unit #21
City:	Billerica
State/Country:	MASSACHUSETTS
Postal Code:	01862

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11648282

CORRESPONDENCE DATA

Fax Number: (312)902-1061
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 312-902-5200
 Email: johnp@kattenlaw.com
 Correspondent Name: John S. Paniaguas
 Address Line 1: 1025 Thomas Jefferson Street, N.W.
 Address Line 2: East Lobby, Suite 700
 Address Line 4: Washington, DISTRICT OF COLUMBIA 20007-5201

ATTORNEY DOCKET NUMBER:	211843-00057 CONT
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NAME OF SUBMITTER:

John S. Paniaguas

Total Attachments: 5

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HEET

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)
Thomas N. Horsky

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)
Name: SemEquip, Inc.
Internal Address: _____

Street Address: 34 Sullivan Road, Unit #21

City: Billerica
State: Massachusetts
Country: U.S.A. Zip: 01862

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) April 5, 2001
 Assignment Merger
 Security Agreement Change of Name
 Joint Research Agreement
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

4. Application or patent number(s): This document is being filed together with a new application.
A. Patent Application No. (s) _____
B. Patent No. (s) _____

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:
Name: John S. Paniaguas
Internal Address: _____

Street Address: 525 West Monroe Street

City: Chicago
State: Illinois Zip: 60661
Phone Number: 312-902-5200
Fax Number: 312-902-1601
Email Address: johnp@kattenlaw.com

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers _____ Expiration Date _____
b. Deposit Account Number 50-1214
Authorized User Name John S. Paniaguas

9. Signature: _____ Date December 29, 2006
Signature _____
Name of Person Signing John S. Paniaguas
Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

113260 U.S. PTO
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ASSIGNMENT

IN CONSIDERATION of other good and valuable consideration, the receipt of which is hereby acknowledged, We, **Thomas N. Horsky** residing at **816 Depot Road, Boxborough, Massachusetts 01719, County of Middlesex, Brian C. Cohen** residing at **803 Futura, San Clemente, California 92672, County of Orange, Wade A. Krull** residing at **8 Smith Street, Marblehead, Massachusetts 01945, County of Essex** and **George P. Sacco, Jr.**, residing at **15 Nelson Ave., Wakefield, Massachusetts 01880, County of Middlesex** do hereby sell, assign and transfer unto **SEMEQUIP, INC.**, a corporation organized and existing under the laws of the State of **Delaware** having its principle place of business at **34 Sullivan Road, Unit #21, Billerica, Massachusetts 01862**, its successors, assigns and legal representatives, the entire right, title and interest for the United States and its territories, and all foreign countries, in and to the invention set forth in an International Application (PCT) for a patent filed **June 12, 2001** and assigned International Application No. **PCT/US01/18822**, entitled **Ion Implantation System and Control Method**, as well as the following PCT application upon which the international application claims priority: **PCT/US00/33786**, filed **December 13, 2000** and the following U.S. provisional patent applications upon which the international application claims priority: Serial No. **60/250,080**, filed **November 30, 2000**, Serial No. **60/257,322**, filed **December 19, 2000**, and Serial No. **60/267,260**, filed **February 7, 2001**; and U.S. patent application Serial No. **09/736,097**, filed **December 13, 2000** and all the right, title and interest in and to any and all United States and foreign Letters Patents that may be granted for said invention, and all divisions, continuations, renewals, reissues, and extensions thereof, and the applications therefor, and the right to claim the priority of this international patent application in any U.S. and all foreign countries where application for patent on said invention may be filed; and we hereby agree to execute such other lawful documents and perform such other lawful acts as are requested for securing to said assignee, its successors, assigns and legal representatives, all of the rights to said invention.

WE HEREBY AUTHORIZE AND REQUEST the Commissioner of Patents and Trademarks to issue the Letters Patent to said assignee, its successors and assigns, pursuant to the terms of this Assignment.

IN WITNESS WHEREOF, I have signed, sealed and delivered this instrument this 34 day of December, 2003.

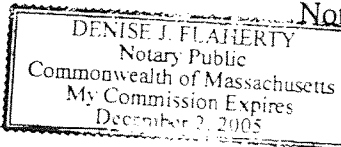
Thomas N. Horsky
Thomas N. Horsky

STATE OF MASSACHUSETTS)
) ss:
COUNTY OF MIDDLESEX)

BE IT REMEMBERED that on this 9th day of December, 2003, before me, a Notary Public, duly commissioned, qualified and acting in and for the County and State aforesaid, came **Thomas N. Horsky** who is personally known to me to be the identical person described in and who executed and signed the foregoing instrument of writing, and duly acknowledged that he executed the same as his free act and deed, for the purposes and considerations therein expressed.

IN WITNESS WHEREOF, I hereunto set my hand and affix my official seal the day and year aforesaid.

Denise J. Flaherty
Notary Public



My Commission Expires: _____

IN WITNESS WHEREOF, I have signed, sealed and delivered this instrument this 31 day of December, 2003.

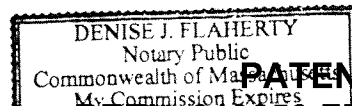
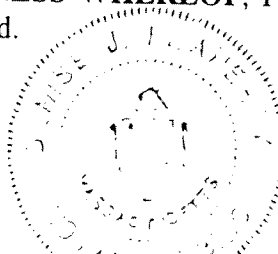
Brian C. Cohen
Brian C. Cohen

STATE OF CALIFORNIA)
) ss:
COUNTY OF ORANGE)

BE IT REMEMBERED that on this 31 day of December, 2003, before me, a Notary Public, duly commissioned, qualified and acting in and for the County and State aforesaid, came **Brian C. Cohen** who is personally known to me to be the identical person described in and who executed and signed the foregoing instrument of writing, and duly acknowledged that he executed the same as his free act and deed, for the purposes and considerations therein expressed.

IN WITNESS WHEREOF, I hereunto set my hand and affix my official seal the day and year aforesaid.

Denise J. Flaherty
Notary Public



My Commission Expires:

IN WITNESS WHEREOF, I have signed, sealed and delivered this instrument this 9th day of December, 2003.

Wade A. Krull

Wade A. Krull

STATE OF MASSACHUSETTS)

) ss:

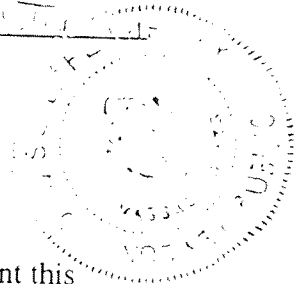
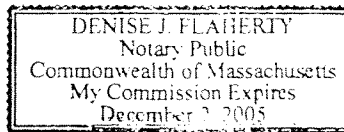
COUNTY OF ESSEX)

BE IT REMEMBERED that on this 9th day of December, 2003, before me, a Notary Public, duly commissioned, qualified and acting in and for the County and State aforesaid, came **Wade A. Krull** who is personally known to me to be the identical person described in and who executed and signed the foregoing instrument of writing, and duly acknowledged that he executed the same as his free act and deed, for the purposes and considerations therein expressed.

IN WITNESS WHEREOF, I hereunto set my hand and affix my official seal the day and year aforesaid.

[Signature]
Notary Public

My Commission Expires:



IN WITNESS WHEREOF, I have signed, sealed and delivered this instrument this 9th day of December, 2003.

George P. Sacco, Jr.

George P. Sacco, Jr.

STATE OF MASSACHUSETTS)

) ss:

COUNTY OF MIDDLESEX)

BE IT REMEMBERED that on this 9th day of December, 2003, before me, a Notary Public, duly commissioned, qualified and acting in and for the County and State aforesaid, came **George P. Sacco, Jr.** who is personally known to me to be the identical person described in and who executed and signed the foregoing instrument of writing, and duly

acknowledged that he executed the same as his free act and deed, for the purposes and considerations therein expressed.

IN WITNESS WHEREOF, I hereunto set my hand and affix my official seal the day and year aforesaid.

Denise J. Flaherty

Notary Public

My Commission Expires:

12-8-05

