PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gene H. Arts	03/12/2003
Kristin D. Johnson	03/07/2003
Chris J. Ehr	03/07/2003

RECEIVING PARTY DATA

Name:	Sherwood Services AG
Street Address:	Bahnhofstrasse 29
City:	Schaffhausen
State/Country:	SWITZERLAND
Postal Code:	8200

PROPERTY NUMBERS Total: 2

Property Type	Number
Application Number:	12402656
Application Number:	12543969

CORRESPONDENCE DATA

Fax Number: (631)501-3526

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

6315015700 Phone:

Email: ldavis@cdfslaw.com

Correspondent Name: Carter, DeLuca, Farrell & Schmidt, LLP

Address Line 1: 445 Broad Hollow Rd.

Address Line 2: Suite 420

Address Line 4: Melville, NEW YORK 11747

ATTORNEY DOCKET NUMBER:	203-2931 (2175) FAMILY
NAME OF SUBMITTER:	Pina M. Campagna

PATENT REEL: 024400 FRAME: 0580

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Total Attachments: 4
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PATENT REEL: 024400 FRAME: 0581

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Gene H. Arts

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on Reel Frame

hereby sells, assigns and transfers to

ASSIGNEE:

Sherwood Services AG Bahnofstrasse 29 8200 Schaffhausen SWITZERLAND

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest, including the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled:

VESSEL SEALING INSTRUMENT

which is described in

(a)			application	executed	on	even	date
	herewith	•	•				

(b) [] was filed on Express Mail
No. _____, as Serial No. not yet known.

(c) [x] U.S. application serial no. 10/284,562 filed on October 30, 2002.

(d) [] U.S. patent no. _____ issued

(also check (e) if foreign application(s) is also being assigned)

(e) [x] and any legal equivalent thereof in a foreign country, and, in and to, all United States and foreign Letters Patent, for the full term thereof, to be obtained for said invention by the above application or any continuation, division, renewal, extension or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

ASSIGNOR further covenants to promptly provide all pertinent facts and documents known and accessible to ASSIGNOR relating to said invention and said Letters Patent and legal equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefor in said

PATENT REEL: 017852 FRAME: 0115 PATENT

REEL: 024400 FRAME: 0582

ASSIGNEE, its successors, assigns or other legal representatives; to execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefor; and to make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, all without further compensation, but at the sole expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNOR hereby grants ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

IN WITNESS WHEREOF, I have hereunto set hand and seal.

INVENTORS:

Sene H. Arts

Dated: 3/12/03

State of Colorado ; County of Boulder }

Before me this day of 2003, personally appeared Gene H. Arts to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

Notary Public

AFFIX SEAL

My Commission Expires 2-14-2007

PATENT REEL: 017852 FRAME: 0116 PATENT

REEL: 024400 FRAME: 0583

Docket No. 2175 CIP 5

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ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Kristin D. Johnson Christophor J. Ehr

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

> Recorded on Reel Frame

hereby sells, assigns and transfers to

ASSIGNEE:

Sherwood Services AG Bahnofstrasse 29 8200 Schaffhausen SWITZERLAND

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest, including the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled:

VESSEL SEALING INSTRUMENT

which is described in

- [] U.S. patent application executed on even date herewith
- [] was filed on __ (b) Express Mail
- (c)
- (d) [] U.S. patent no. _ issued

(also check (e) if foreign application(s) is also being assigned)

[x] and any legal equivalent thereof in a foreign country, and, in and to, all United States and foreign Letters Patent, for the full term thereof, to be obtained for said invention by the above application or any continuation, division, renewal, extension or substitute thereof, and as to letters patent any reissue or re-examination thereof;

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

ASSIGNOR further covenants to promptly provide all pertinent facts and documents known and accessible to ASSIGNOR relating to said invention and said Letters Patent and legal equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute and deliver any and all papers that may be necessary or desirable to perfect the title to

> PATENT REEL: 017852 FRAME: 0117 PATENT

REEL: 024400 FRAME: 0584

said invention or any Letters Patents which may be granted therefor in said ASSIGNME, its successors, assigns or other legal representatives; to execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefor; and to make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, all without further compensation, but at the sole expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNOR hereby grants ASSIGNEE and Assignee's attorneys the power

application(s) after such information becomes known to them.	
IN WITNESS WHEREOF, I have hereunto set hand and seal.	
INVENTORS:	
Registin D. Johnson Dated: 3/07/03	_
State of Calorado; County of Boulder; ss	
α	
personally appeared <u>Kristin D. Johnson</u> to me personally known to be the perdescribed in and who executed the above instrument, and acknowledged to me he/she executed the same of his own free will for the purposes therein set forth.	03, rson that
Mary milach	
Notary Public	
AFFIX SEAL My Commission Expires 2-14-2007	
Christopher /J. Ehr 71 3/7/03	-
State of Calvado) County of Builder) BB	
Before me this 7 day of March 200 personally appeared Christopher J. Ehr to me personally known to be the perdescribed in and who executed the above instrument, and acknowledged to me he/she executed the same of his own free will for the purposes therein set forth.	3, son that

My Commission Expires 24 TENT

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REEL: 017852 FRAME: 0118

PATENT

REEL: 024400 FRAME: 0585

NECONDED. 03/10/2010

RECORDED: 05/05/2006