Form PT.9-159 (CRev. 67/05) OMB No. 0651-0027 (exp. 6730/2008)	U.S. DEPARTMENT OF COMMERCE States Patent and Trademark Office
JUL 2 6 2007 REC	31 - 2007 ET
To the Direction of the U.S. Parent and Tr	nents or the new address(os) below
1. Name of conveying party(ies)	431567 ss of receiving party(ies)
Daniel E. Alesi – 3/25/1998 Francis X. Kaczynski – 3/25/1998 John F. Klinger – 3/16/1998 Mark Howansky – 4/7/1998	Name: United States Surgical Corporation
Robert J. Geiste – 3/19/1998 Deborah Cashin – 3/18/1998 Steven R. Day – 3/23/1998	
Keith Payea – 3/19/1998 Kenneth G. Hammerquist – 3/23/1998	Internal Address:
Steven J. Stern – 3/19/1998 Additional names(s) of conveying party(ies) attached? ☐ Yes ☒ No	
3. Nature of conveyance/Execution Date(s):	Street Address: 150 Glover Avenue
Execution Date(s) See Box 1	<u> </u>
Security Agreement Change of Name	City:Norwalk
Joint Research Agreement	State: CT
Government Interest Assignment	Country: USA Zip: 06856
Executive Order 9424, Confirmatory License	
Other	Additional name(s) & address(es) attached?
4. Application or patent number(s):	This document is being filed together with a new application.
A. Patent Application No.(s) 10/818,226	B. Patent No.(s)
Additional numbers atta	│ Iched? □ Yes ⊠ No
5. Name and address to whom correspondence	6. Total number of application and patents
concerning document should be mailed:	involved: 1
Name: Aryn D. Wadadli	7. Total Fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address: Tyco Healthcare Group LP	
	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: 195 McDermott Road	☐ Enclosed
	None required (government interest not affecting title)
City: North Haven	8. Payment Information
State: CT Zip: <u>06473</u>	a. Credit Card Last 4 Numbers8 Expiration Date8
	Expiration Date
Phone Number: (203) 492-8080	b. Deposit Account Number_21-0550 ဋ္ဌ
Fax Number: (203) 492-8232	b. Deposit Account Number 21-0550 Authorized User Name Aryn D. Wadadli
Email Address: <u>Aryn.Wadadli@Tycohealthcare.com</u>	00 00 DA
9. Signature:	July 2½ 2007 &
Signature	Total number of pages including cover
Aryn D. Wadadli, Reg. No. 52,796 Name of Person Signing	sheet, attachments, and documents: t) should be faxed to (571) 273-0140, or mailed to: the USPTO, P. O. Box 1450, Alexandria, V.A. 22313-1450

PATENT REEL: 019654 FRAME: 0958

07/30/ 01 FC:

Docket No. 1933 (203-2061)

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:

Daniel E. Alesi John F. Klinger Robert J. Geiste Steven R. Day Keith Payea

Kenneth G. Hammerquist

Steven J. Stern

Francis X. Kaczynski Mark Howansky Deborah M. Cashin

(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:

United States Surgical Corporation

150 Glover Avenue Norwalk, CT 06856

U. S. A.

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:

CIRCULATORY SUPPORT SYSTEM

which is described in

(a)	[] U.S. patent application executed on even date herewith
(b)	U.S. patent application executed on
(c)	[x] U.S. application serial no. <u>08/943,504</u> filed on <u>October 3, 1997</u>
(d)	[] I I C patent no ISSUED
(4)	(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 re-issue 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 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:	
Daviel & alori Daniel E. Alesi	Dated: 3/25/98
John F. Klinger	Dated: 3/16/98
Robert J. Geiste	Dated: 3/19/98
Steven R. Day	Dated:
Dictor In Daj	

State of				
County of) ss)			
Before n personally appeared described in and who ex executed the same of hi	recuted the above in	nstrument, a	nd acknowledged therein set forth	
AFFIX SEAL			NOTAL	A. GRASSO RY PUBLIC EXPIRES MAY 31, 1998
personally appeared	e above instrument,	to me and acknow	personally knowr ledged to me tha	1998, Ito be the person described the/she executed the same Motary Public

MARIE A. GRASSO NOTARY PUBLIC MY COMMISSION EXPIRES MAY 31, 1998

	Dated:
Keith Payea	
Kenneth G. Hammerquist	Dated:
Steven J. Stern	Dated:
Francis Z. Kaczynski	Dated:
Mark Howansky	Dated:
Deborah M. Cashin	Dated: <u>३ । ७ । ७८</u>
State of) ss County of) Before me this 25th	day of Mark 1998,
personally appeared Daniel E. Alesi	to me personally known to be the person described in nd acknowledged to me that <u>he</u> /she executed the same of set forth.
	More a lusso Notary Public
	Nótary Public

MARIE A. GRASSO
NOTARY PUBLIC
MY COMMISSION EXPIRES MAY 31, 1998

State of)		
) ss County of)		
Before me this <u>/8</u> h personally appeared <u>Deborah M. Cashir</u>	day of murch	1998,
personally appeared <u>Deborah M. Cashin</u> described in and who executed the above insexecuted the same of his own free will for the	strument, and acknowledged to	known to be the person me that he/she
		a know
		Notary Public

MARIE A. GRASSO

NOTARY PUBLIC
MY COMMISSION EXPIRES MAY 31, 1998

	Dated:
Keith Payea	
Kenneth G. Hammerquist	Dated:
Steven J. Stern	Dated:
Francis Z. Kaczynski	Dated:
Mark Howansky	Dated: 4/7/98
Deborah M. Cashin	Dated:
and who executed the above instrument, and ack	ne personally known to be the person described in nowledged to me that <u>he</u> /she executed the same of
his own free will for the purposes therein set fort	h.
	Notary Public

State of)		
County of) ss		
Before me this day of personally appeared Francis Z. Kaczynski person described in and who executed the above instru executed the same of his own free will for the purposes	to me personally known to be the ment, and acknowledged to me that he/she	<u> </u>
	Notary Public	
AFFIX SEAL		
./		
State of New Jeksey) County of Bekasa) ss		
Before me this day of bersonally appeared Mark Howansky to me persond who executed the above instrument, and acknowled	sonally known to be the person described i	n of
is own free will for the purposes therein set forth.	Shule andisety Notary Public	
	Notary Public	

SHEELA MADISETTY
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires 06-24-1998

AFFIX SEAL

(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 re-issue 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 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:	
	Dated:
Daniel E. Alesi	
John F. Klinger	Dated:
Robert J. Geiste	Dated:
Steven R. Day	Dated: March 23, 1998

	Notary Public
personally appeared Daniel E. Alesi	to me personally known to be the person described in acknowledged to me that <u>he</u> /she executed the same of
Before me this	day of 1998,
County of	
State of) ss	
Deborah M. Cashin	Dated:
	Detail.
Mark Howansky	Dated:
XXX.	
Francis Z. Kaczynski EXX. X.	Dated: 25 March 98
Steven J. Stern	
	Dated: 3/19/98
Kenneth G. Hammerquist	Dated: 7/23/75
V-2-76	Dated: 3/23/98
Keith Payea	Dated. Strifts
Man D.	Dated: 3/19/98

State of WAShington)
State of WAShington) State of King State of Washington State of Washi
Before me this 23 ^{-d} day of MARCL 1998, personally appeared Steven R. Day 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.
Motary Public
AFFIX SEAL OF WASHINGTON
State of Washington) ss
State of Washington) State of King State of King State of Washington State of Washingt
Before me this 19th day of Harch 1998, personally appeared Keith Payea 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.
James Louis Notary Public
AFFIX SEAL

State of Washington)
State of Washington) State of King State of King State of Washington State of Washingt
Before me this 23rd day of MARCL 1998, personally appeared Kenneth G. Hammerquist 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.
AFFIX SEAL ON MASKET
State of Washington) State of King)
County of King)
Before me this 19th day of Warch 1998, personally appeared Steven J. Stern 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 AND 30 CO.

State of Washington)
State of Washington) ss County of King X
Before me this
AFFIX SEAL OF WASHINGTON
State of)
Before me this day of 1998, personally appeared Mark Howansky 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

RECORDED: 07/26/2007