

MW 1-13-99

01-15-1999

FORM PTO-1594

1-31-92



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

100943339

To the Honorable Commissioner of Patents and Trademarks, please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

C. R. Bard, Inc.

- Individual(s)
- General Partnership
- Corporation-New Jersey
- Other
- Association
- Limited Partnership

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

3. Nature of Conveyance:

- Assignment
- Security Agreement
- Other
- Merger
- Change of Name

Execution Date: October 1, 1998

2. Name and address of receiving party(ies):

Name: Arterial Vascular Engineering, Inc.

Address: 3576 Unocal Place
Santa Clara, CA 95403

- Individual(s) citizenship
- Association
- General Partnership
- Limited Partnership
- Corporation-Delaware
- Other

If assignee is not domiciled in the United States, a domestic representative designation is attached Yes No
(Designations must be a separate document from Assignment)

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

4. Application number(s) or registration number(s):

A. Trademark Application No.(s)

See Exhibit A, attached

B. Trademark registration No.(s)

See Exhibit B, attached

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Roberta S. Bren
OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.
Attorneys at Law
Fourth Floor
1755 Jefferson Davis Highway
Arlington, Virginia 22202

OSMMN Ref: 9871/0003/35SD

6. Total number of applications and registrations involved: 47

7. Total fee (37 CFR 3.41): \$ 1,190.00

- Enclosed
- Authorized to be charged to deposit account if amount is insufficient

8. Deposit account number: 15-0030
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

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.

Roberta S. Bren
Name of Person Signing

Roberta S. Bren
Signature

January 13, 1999
Date

Total number of pages including cover sheet, attachments, tab pages and document: 54 pgs. and check

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TRADEMARK
REEL: 1835 FRAME: 0876

Assignment Recordation

C. R. Bard, Inc. (Assignor) to Arterial Vascular Engineering, Inc. (Assignee)

Exhibit A - Applications

<u>Mark</u>	<u>Application No.</u>
AGILON	74/179,582
CARINA	75/471,678
COMMANDER	74/349,873
COMMANDER	75/033,186
FROM START TO STENT	75/352,916
GUIDEFATHER	75/362,876
LINX	75/290,202
MINIQUET	75/419,789
NEPTUNE	75/366,583
ODYSSEY	75/528,606
RELY SP	75/364,168
SALSA	75/488,205
SATURN	75/375,128
SITSEER	75/417,039
SR	75/048,321
TRANSFLEX	75/414,797

Assignment Recordation

C. R. Bard, Inc. (Assignor) to Arterial Vascular Engineering, Inc. (Assignee)

Exhibit B - Registrations

<u>MARK</u>	<u>REGISTRATION NO.</u>
AGIL	1,868,862
ARANI	1,474,854
BROCKENBROUGH	220,583
CHRONOFUSER	792,316
COURNAND	863,316
ENVISION	2,110,919
EPPENDORF	863,318
EZ-PAK	1,841,766
FLEXGUARD	1,802,641
GENSINI	909,387
GOODALE-LUBIN	1,613,692
HI-PER FLEX	1,896,063
HYDRO/PEL	1,949,325
INPUT	1,873,225
LEHMAN	863,317
NYCORE	1,143,241
PETELITE	1,860,328
PHANTOM	1,737,563
POSITROL	915,155
PRESTO!	1,677,491
PRO/PEL	1,729,124
PROCROSS	2,046,347
PRO-FLO	1,584,509
RAPID FLOW	1,906,427
RELY	2,060,055
SONES	863,319
TELESCOPE	2,182,575
USCI	915,153
USCI LOGO & DESIGN	1,132,644
USCI-POSITROL II	1,121,790
XPRT	1,865,229

TRADEMARK ASSIGNMENT

THIS ASSIGNMENT, made this 1st day of October, 1998 by and between C. R. Bard, Inc., a New Jersey Corporation, having a place of business at 730 Central Avenue, Murray Hill, New Jersey 07974 (hereinafter referred to as "ASSIGNOR"), and Arterial Vascular Engineering, Inc., a Delaware Corporation, having a place of business at 3576 Unocal Place, Santa Rosa, California 95403 (hereinafter referred to as "ASSIGNEE").

W I T N E S S E T H :

WHEREAS, ASSIGNOR is the owner of certain trademarks, trade names, registrations and applications set forth on Schedules 1.1 (b)(x) and 3.1 (p)(ii) of that certain Stock and Asset Purchase Agreement entered into between ASSIGNOR and ASSIGNEE on July 9, 1998, those Schedules modified by an August 31, 1998 Letter Amendment between ASSIGNOR and ASSIGNEE (hereinafter, as collectively embodied by the Schedules and the August 31, 1998 Letter Amendment, the "Trademark Rights") (for the sake of convenience, a copy of said Schedules 1.1 (b)(x) and 3.1 (p)(ii) and said August 31, 1998 Letter Amendment are attached hereto and made part of this Assignment).

WHEREAS, ASSIGNEE is desirous of acquiring, by virtue of said Stock and Asset Purchase Agreement, ASSIGNOR's right, title and interest in and to said Trademark Rights together with the goodwill of the Business symbolized by said trademarks and trade names.

NOW, THEREFORE, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by ASSIGNOR, ASSIGNOR does hereby assign and transfer unto ASSIGNEE such right, title and interest ASSIGNOR may

have in and to said Trademark Rights and the goodwill of the Business symbolized by said trademarks and trade names, the same to be held and enjoyed by ASSIGNEE and its successors and assigns, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR if this Assignment and sale had not been made;

AND ASSIGNOR hereby authorizes and requests the United States Patent and Trademark Office, and trademark offices of countries foreign to the United States, to record the transfer of said Trademark Rights, U.S. and foreign, in accordance with this Assignment;

AND for the consideration aforesaid, ASSIGNOR further covenants and agrees that it will, whenever reasonably requested, but without cost to itself, execute any and all papers that may be reasonably necessary to enable ASSIGNEE or its representatives, successors, nominees, or assigns to secure and record title to said Trademark Rights.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as

of the date and year first written above.

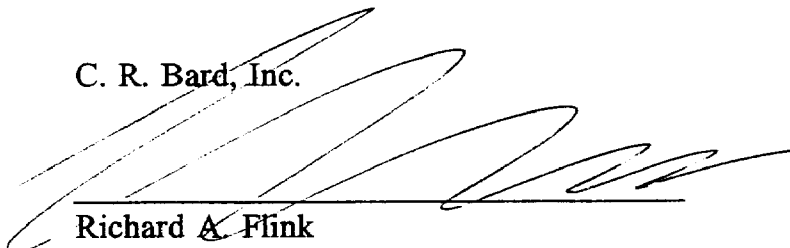
Signed and delivered for
and on behalf of the said
C. R. Bard, Inc.

in the presence of:



Witness

C. R. Bard, Inc.



Richard A. Flink
Senior Vice-President,
General Counsel and Secretary

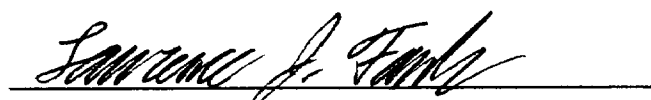
Signed and delivered for
and on behalf of the said
Arterial Vascular Engineering, Inc.

in the presence of:



Witness

Arterial Vascular Engineering, Inc.



Lawrence J. Fassler
Vice President, General Counsel
and Secretary

SCHEDULE 1.1(b)(x)

Trademarks and Trade Names

1. Trademarks, trademark registrations, trademark applications, trade names and service marks of the Seller and its subsidiaries (excluding the Subsidiaries):

See Attached Listing.

2. State trademark registrations and applications, extensions, modifications, or renewals, common law rights in-such trademarks, any right to exploit such trademarks and any goodwill associated with such trademarks:

See above in Category 1.

Trademark Report

Applicant	Country	Status	Appl. No.	Appln. Date	Registration No.	Registration Date	Goods
Applicant	Germany	REGISTERED	397879192	07/27/1992	39707919	11/20/1997	A component used on guide wires.
Applicant	United States	REGISTERED	7517353	09/10/1992	1868862	12/20/1994	Angioplasty balloon catheters
Applicant	Belgium	REGISTERED	787210	10/13/1992	527967	10/13/1992	Angioplasty balloon catheters
Applicant	France	REGISTERED	9233816	10/26/1992	9233816	10/26/1992	Angioplasty balloon catheters
Applicant	Germany	REGISTERED	642371042	10/27/1992	204653	06/30/1994	Angioplasty balloon catheters
Applicant	Italy	REGISTERED	MI92C00720	10/22/1992	633217	06/07/1995	Angioplasty balloon catheters
Applicant	Portugal	REGISTERED	287170	11/04/1992	287170	09/07/1994	Angioplasty balloon catheters
Applicant	Spain	REGISTERED	1729634	11/12/1992	1729634	07/05/1995	Angioplasty balloon catheters
Applicant	United Kingdom	REGISTERED	1515774	10/13/1992	1515774	10/13/1992	Catheters; angioplasty balloon catheters; all included in Class 10.
Applicant	Australia	REGISTERED	590308	11/13/1992	A590308	11/13/1992	Angioplasty balloon catheters
Applicant	Canada	REGISTERED	716702	11/12/1992	426965	05/06/1994	Angioplasty balloon catheters
Applicant	Japan	REGISTERED	4314832	11/18/1992	3126333	03/29/1994	Angioplasty balloon catheters

Appl. No.	Country	Status	Appl. No.	Appl. Date	Registration No.	Registration Date	Goods
4111	South Korea	REGISTERED	361761992	12/29/1992	278198	10/29/1993	angioplasty balloon catheters, blood testing instruments, contraceptive devices and absorbent cotton.
4111	Belgium	REGISTERED	1551351	09/18/1989	550555	02/26/1990	Auto Perfusion Catheters
4111	France	REGISTERED	1551351	09/18/1989	1551351	09/18/1989	Auto Perfusion Catheters
4111	Italy	REGISTERED	1551351	09/18/1989	550555	02/26/1990	Auto Perfusion Catheters
4111	Spain	REGISTERED	1551351	09/18/1989	550555	02/26/1990	Auto Perfusion Catheters
4111	France	REGISTERED	97662009	02/04/1997	97662009	02/04/1997	Medical and surgical apparatus and instruments; catheters for angioplasty
4111	Germany	REGISTERED	397079104	02/22/1997	39707910	04/25/1997	surgical and medical apparatus and instruments
4111	United States	REGISTERED	669090	06/29/1987	1474854	02/02/1988	Guiding catheters
4111	France	REGISTERED	921098	04/18/1988	1441323	04/18/1988	guiding catheters
4111	Italy	REGISTERED	34379208	04/26/1988	521660	02/02/1990	guiding catheters
4111	Belgium	REGISTERED	42988	04/22/1988	448495	04/22/1988	guiding catheters
4111	United Kingdom	REGISTERED	1336708	02/26/1988	8136708	02/26/1988	Guiding catheters

Country	Status	Appl'n No.	Appl'n Date	Registration No.	Registration Date	Goods
Germany	REGISTERED	041904 (Ddr)	02/22/1996	1128805	10/11/1998	guiding catheters
Spain	REGISTERED	1238113	03/03/1988	1238113	05/19/1992	guiding catheters
United States	REGISTERED	220581	06/07/1965	063315	01/07/1969	Cardiovascular catheters, fittings and needles
Canada	REGISTERED	809878	04/12/1996	1M 484252	10/17/1997	Catheters
Australia	REGISTERED	706435	04/16/1996	706435	04/16/1996	Medical and surgical apparatus; but excluding lamps for medical purposes and lamplight apparatus for medical purposes
Belgium	REGISTERED	869051	04/11/1996	599071	04/11/1996	Medical and surgical apparatus and instruments
France	REGISTERED		04/11/1996	39617340	08/22/1996	Medical and surgical instruments and apparatus
Germany	REGISTERED	396173403	04/11/1996	39617340	08/22/1996	Medical and surgical apparatus
United Kingdom	REGISTERED	2048064	04/10/1996	2048064	04/13/1997	Medical and surgical apparatus and instruments; parts and fittings thereof, but not including lamps.
Germany	REGISTERED	396173411	04/11/1996	39617341	08/22/1996	Medical and surgical apparatus
Belgium	REGISTERED	869049	04/11/1996	599514	04/11/1996	Medical and surgical apparatus and instruments

Inventor	Country	Status	Appl. No.	Appl. Date	Registration No.	Registration Date	Goods
Inventor	France	REGISTERED	90619090	06/09/1996	90619090	06/09/1996	Medical and surgical apparatus
Inventor	United States	REGISTERED	205015	10/28/1964	792316	07/06/1965	Medical infusion pump
Inventor	France	REGISTERED	97662008	02/06/1997	97662008	02/06/1997	Medical and surgical apparatus and instruments; catheter of coarctal shaft construction
Inventor	Germany	REGISTERED	39707917.6	02/22/1997	39707917	06/12/1997	Catheters of coarctal shaft construction
Inventor	Belgium	REGISTERED	848662	05/22/1995	572827	05/22/1995	Medical and surgical equipment and apparatus
Inventor	France	REGISTERED	95572412	05/19/1995	95572412	05/19/1995	Medical and surgical equipment and apparatus
Inventor	Germany	REGISTERED	39523179	06/02/1995	39523179	03/29/1996	Medical and surgical equipment and apparatus
Inventor	Italy	REGISTERED	MI95C005469	05/26/1995	727277	09/26/1997	Medical and surgical equipment and apparatus
Inventor	Spain	REGISTERED	1967217	05/24/1995	1967217	12/05/1995	Medical and surgical equipment and apparatus
Inventor	United Kingdom	REGISTERED	2020709	05/18/1995	2020709	05/18/1995	Surgical and medical apparatus and instruments; parts and fittings therefor.
Inventor	Japan	REGISTERED	773955	07/19/1995	4011822	06/13/1997	Medical and surgical apparatus

Country	Status	Appln No	Appln Date	Registration No.	Registration Date	Goods
France	REGISTERED	101070714	02/22/1997	10707071	04/25/1997	Guidewires 9/17/97 Amended Specification of Goods: guidewires for use in cardiovascular and urological medicine and surgery
Japan	REGISTERED	49125249	09/13/1974	1274405	06/06/1977	Catheters
France	REGISTERED	941415	07/12/1968	1477124	07/12/1968	Catheters
United States	REGISTERED	270584	06/07/1965	063316	01/07/1969	Cardiovascular catheters
Japan	REGISTERED	62211575	09/13/1974	1296068	09/01/1977	Cardiovascular catheters and accessories
United States	REGISTERED	74 451128	10/26/1993	2110919	11/04/1997	Diagnostic catheters
France	REGISTERED	94312458	03/23/1994	94312458	03/23/1994	Diagnostic catheters
Germany	REGISTERED	0101241108z	03/26/1994	2094521	03/30/1995	Diagnostic catheters
Belgium	REGISTERED	624090	03/18/1994	552921	03/18/1994	Diagnostic catheters
Australia	REGISTERED	625399	03/22/1994	625399	03/22/1994	Diagnostic catheters
New Zealand	REGISTERED	235039	04/11/1994	235039	04/11/1994	Diagnostic catheters

Registration No.	Country	Status	Appl. No.	Appl. Date	Registration No.	Registration Date	Goods
17 Pat	France	REGISTERED	740690	05/16/1994	642857	05/12/1995	Diagnostic catheters
17 Pat	Italy	REGISTERED	MI94C003222	04/05/1994	694599	12/12/1996	Diagnostic catheters
17 Pat	Spain	REGISTERED	1810565	03/21/1994	1810565	12/05/1994	Diagnostic catheters
17 Pat	Portugal	REGISTERED	290654	04/19/1994	290654	11/07/1995	Surgical, medical and veterinary apparatus and instruments, diagnostic catheters
17 Pat	Japan	REGISTERED	630187	03/25/1994	3240599	12/25/1996	Diagnostic catheters
17 Pat	United States	REGISTERED	229584	06/07/1985	883318	01/07/1969	Cardiovascular catheters
17 Pat	United States	REGISTERED	7442437	09/30/1993	1841766	06/28/1994	Angiographic catheter kits
17 Pat	Australia	REGISTERED	645444	11/16/1994	645444	08/13/1996	Medical and surgical apparatus
17 Pat	France	REGISTERED	94544951	11/16/1994	94544951	11/16/1994	Medical and surgical apparatus
17 Pat	Germany	REGISTERED	39420359	11/16/1994	39420355	08/10/1995	Medical and surgical apparatus
17 Pat	Italy	REGISTERED	MI94C010739	11/22/1994	700966	12/30/1996	Medical and surgical apparatus
17 Pat	Spain	REGISTERED	1931869	11/18/1994	1931869	07/05/1995	Medical and surgical apparatus

Country	Priority	Status	Appl. No.	Appl. Date	Registration No.	Registration Date	Goods
United Kingdom	United Kingdom	REGISTERED	2001858	11/12/1994	2001858	11/12/1994	Medical and surgical apparatus
United States	United States	REGISTERED	74183038	07/08/1991	1802641	11/02/1993	Tip component of catheters
Australia	Australia	REGISTERED	565850	10/23/1991	856850	10/23/1991	Guiding catheters
Belgium	Belgium	REGISTERED	770668	10/22/1991	502981	10/22/1991	Guiding catheters
Canada	Canada	REGISTERED	692438	10/28/1991	409497	03/12/1993	Tip on guiding catheters
France	France	REGISTERED	315357	10/23/1991	1701622	10/23/1991	Guiding catheters
Germany	Germany	REGISTERED	8900541842	10/30/1991	2023356	10/29/1992	Guiding catheters
Ireland	Ireland	REGISTERED	143033	10/23/1991	143033	10/23/1991	Guiding catheters
South Korea	South Korea	REGISTERED	312531991	11/01/1991	251437	11/02/1992	guiding catheters; registration covers catheters, blood testing instruments, contraceptive devices, absorbent cotton and gauze.
Spain	Spain	REGISTERED	1674276	12/18/1991	1674276	12/18/1991	guiding catheters
Japan	Japan	REGISTERED	3114052	11/01/1991	2614599	12/26/1993	guiding catheters
United Kingdom	United Kingdom	REGISTERED	1480569	10/23/1991	1480569	10/23/1991	guiding catheters

Applicant	Country	Status	Appl. No.	Appl. Date	Registration No.	Registration Date	Goods
Terumo	Japan	REGISTERED	418156	11/27/1992	3102210	11/30/1995	angiographic catheter introducer
Terumo Int'l. Inc.	Japan	REGISTERED	539460	04/16/1993	3165521	06/28/1996	angiographic catheter introducer
Terumo	United States	REGISTERED	335790	08/20/1969	909307	03/02/1971	Cardiovascular catheters
Terumo Int'l. Inc.	United States	REGISTERED	76010057	12/12/1989	1613602	09/18/1990	Cardiovascular catheters
Terumo Int'l. Inc.	Germany	REGISTERED	39747895.2	10/08/1997	39747895	01/08/1998	surgical, medical, dental and veterinary apparatus and instruments including catheters
Guidedather	United Kingdom	REGISTERED	2148092	10/14/1997	2148092	10/14/1997	Catheters; parts; fittings therefor; catheter delivery systems; catheter-delivered prostheses and medical devices.
Medtronic	United States	REGISTERED	74296411	07/21/1992	1759722	03/23/1993	Catheter introducer sets consisting of catheter introducer sheaths, dilators and obturators
Medtronic Sheath Deal	United States	REGISTERED	74346193	01/07/1993	1884784	03/21/1993	Catheter introducer sets consisting of catheter introducer sheaths, dilators and obturators.
Medtronic	Spain	REGISTERED	94416	06/03/1980	94416	04/06/1981	Cardiovascular catheters
Medtronic	United States	REGISTERED	74283421	06/10/1992	1896063	05/30/1995	Medical guidewires excluding guide wires for orthopedic surgery.
Medtronic	United States	REGISTERED	7432878	09/11/1992	1949725	01/16/1996	Coating sold as an integral component of angioplasty balloons

Hydr/o/Pel	Country	Status	Appln No	Appln Date	Registration No.	Registration Date	Goods
Hydr/o/Pel	Belgium	REGISTERED	787211	10/13/1992	511607	10/13/1992	Surgical, medical, dental & veterinary apparatus and instruments, artificial limbs, eyes and teeth; orthopedic articles; suture material; catheters
Hydr/o/Pel	France	REGISTERED	9238015	10/26/1992	9238015	10/26/1992	Coating for catheters
Hydr/o/Pel	Germany	REGISTERED	6442361002	10/27/1992	2051193	12/03/1993	Coating for catheters
Hydr/o/Pel	Italy	REGISTERED	MI92C007219	10/22/1992	653216	06/07/1995	Coating for catheters
Hydr/o/Pel	Portugal	REGISTERED	287171	11/04/1992	287171	07/01/1994	A coating for catheters
Hydr/o/Pel	Spain	REGISTERED	1736736	01/08/1993	1736736	05/12/1999	coating for catheters
Hydr/o/Pel	United Kingdom	REGISTERED	1515806	10/13/1992	01515806	10/13/1992	Catheters; parts thereof; all included in Class 10.
Hydr/o/Pel	Australia	REGISTERED	590309	11/13/1992	4590309	11/13/1992	coating for catheters
Hydr/o/Pel	Canada	REGISTERED	716700	11/12/1992	194455411	11/18/1994	coating for catheters
Hydr/o/Pel	Japan	REGISTERED	4314810	11/18/1992	3126552	03/29/1996	A coating for catheters
Hydr/o/Pel	South Korea	REGISTERED	361771992	12/29/1992	278199	10/29/1993	coating for catheters
Hydr/o/Pel	United States	REGISTERED	74 352875	01/27/1993	1873225	01/10/1995	Catheter introducer sheath.

Country	Company	Status	Appln No	Appln Date	Registration No	Registration Date	Goods
France	France	REGISTERED	93475445	07/07/1993	93475445	07/07/1993	Introducer sheaths
Spain	Spain	REGISTERED	1770026	07/01/1993	1770026	02/04/1996	Introducer sheaths
Italy	Italy	REGISTERED	MI93C005166	07/13/1993	679617	05/20/1996	Introducer sheaths
France	France	REGISTERED	761270	04/23/1995	1307192	06/23/1995	Catheter Introducers
Germany	Germany	REGISTERED	0727011042	03/26/1995	1083649	11/04/1995	Catheter Introducers
Italy	Italy	REGISTERED	33936C05	06/05/1995	463307	02/02/1997	catheter introducers
Belgium	Belgium	REGISTERED	53466	04/29/1995	409645	12/11/1995	catheter introducers
United States	United States	REGISTERED	220505	06/07/1995	063317	01/07/1999	Cardiovascular catheters
Italy	Italy	REGISTERED	22620C79	12/18/1979	377765	11/13/1995	Cardiovascular catheters
United Kingdom	United Kingdom	REGISTERED	1116446	06/28/1979	1116446	06/28/1979	Catheters for Cardiovascular
France	France	REGISTERED	537748	12/18/1979	1562973	12/18/1979	Cardiovascular catheters
China	China	REGISTERED			162184	09/15/1982	

Applicant	Country	Status	Appln No	Appln Date	Registration No.	Registration Date	Goods
Obyssey	Belgium	REGISTERED	A33220	09/01/1979	562360	09/01/1979	Catheters
Obyssey	Austria	REGISTERED	AM121979	06/25/1979	92287	10/26/1979	Cardiovascular catheters
Obyssey	Australia	REGISTERED	333115	08/28/1979	A337115	08/31/1981	Cardiovascular Catheters
Obyssey	United States	REGISTERED	209226	03/28/1979	1163261	12/16/1980	Cardiovascular catheters
Obyssey	Australia	REGISTERED	609391	08/17/1993	A609391	08/17/1993	Surgical and medical apparatus
Obyssey	Belgium	REGISTERED	801687	08/11/1993	536636	08/11/1993	Surgical and medical apparatus
Obyssey	France	REGISTERED	93480308	08/13/1993	93480308	08/13/1993	Surgical and medical apparatus
Obyssey	Germany	REGISTERED	899306180Z	08/18/1993	2073649	08/01/1994	Surgical and medical apparatus
Obyssey	South Korea	REGISTERED	323351994	08/11/1994	323351994	02/16/1994	Surgical and medical apparatus
Obyssey	Spain	REGISTERED	1777625	08/23/1993	1777625	02/04/1994	Surgical and medical apparatus
Obyssey	Sweden	REGISTERED	9307697	08/26/1993	259980	08/05/1994	Diagnostic catheters
Obyssey	United Kingdom	REGISTERED	1544520	08/11/1993	1544520	08/11/1993	Catheters, diagnostic catheters for coronary use; parts and fittings for all the aforesaid goods; all included in Class 10.

Country	Status	Appl. No.	Appl. Date	Registration No.	Registration Date	Goods
United States	REGISTERED	76105719	08/19/1992	1860328	10/25/1994	Balloon component on angioplasty catheters
United States	REGISTERED	74174393	04/10/1991	1733563	12/01/1992	Angioplasty guidewires
Australia	REGISTERED	567740	11/21/1991	AS67740	11/21/1991	angioplasty guide wires
Denmark	REGISTERED	772182	11/18/1991	504623	11/19/1991	angioplasty guide wires
Canada	REGISTERED	693089	11/21/1991	411483	04/23/1993	angioplasty guidewires
France	REGISTERED	322992	12/04/1991	170631	12/04/1991	angioplasty guidewires
Germany	REGISTERED	0943001042	11/29/1991	2023363	10/29/1992	angioplasty guidewires
Japan	REGISTERED	3122504	11/26/1991	2718300	12/25/1996	Angioplasty guidewires
Spain	REGISTERED	1674096	12/18/1991	1674096	10/05/1992	angioplasty guidewires
South Korea	REGISTERED	330211991	11/28/1991	293243	10/30/1992	Angioplasty guide wires, blood testing instruments, contrastive devices, absorbent cotton and gauze. Tokyo Technical Research / Nisse T. Takai
New Zealand	REGISTERED	125090	11/17/1978	125090	11/17/1978	cardiovascular catheters
Japan	REGISTERED	49125260	09/13/1974	1302923	10/03/1977	cardiovascular catheters

Country	Status	Appln No	Appln Date	Registration No	Registration Date	Goods
France	REGISTERED	92001168	07/13/1992	162185	09/15/1982	Cardiovascular catheters
Australia	REGISTERED	A323962	11/10/1978	A123962	07/08/1980	Cardiovascular catheters
United States	REGISTERED	335802	08/20/1969	915155	06/15/1971	Cardiovascular catheters
Japan	REGISTERED	49123261	09/13/1974	1302924	10/03/1977	Cardiovascular catheters
Spain	REGISTERED	944413	06/03/1990	944413	11/05/1991	cardiovascular catheters
United States	REGISTERED	74 151012	07/25/1991	1677481	03/03/1992	Inflation device for use with balloon dilatation catheters
United States	REGISTERED	010507	08/08/1989	1594509	02/27/1990	Catheters
Australia	REGISTERED	534913	05/24/1990	A534913	05/24/1990	Catheters
Belgium	REGISTERED	1594443	05/29/1990	542510	11/04/1990	Catheters
Hong Kong	REGISTERED	543190	07/12/1990	803130	07/12/1990	Catheters
France	REGISTERED	213216	05/29/1990	1594443	05/29/1990	Catheters
Japan	REGISTERED	260142	05/28/1990	2712931	03/29/1994	Catheters

Country	Quantity	Status	Appln No	Appln Date	Registration No.	Registration Date	Goods
United States	1	REGISTERED	902712	05/16/1990	117520	05/16/1990	Catheters
Italy	1	REGISTERED	1594661	05/29/1990	562518	11/06/1990	Catheters
Japan	1	REGISTERED	792313	05/30/1990	500823	12/16/1990	Scientific instruments and supplies for use in medical treatment, catheters.
United Kingdom	1	REGISTERED	1424908	05/17/1990	01424908	05/17/1990	Catheters
Philippines	1	REGISTERED	73478	09/28/1990	52031	07/02/1992	Catheters
South Korea	1	REGISTERED	191941990	06/29/1990	214521	07/09/1991	Catheters
Singapore	1	REGISTERED	5551390	08/04/1990	551390	08/04/1990	Catheters
Spain	1	REGISTERED	1594443	05/29/1990	562518	11/06/1990	Catheters
Germany	1	REGISTERED	1594663	05/29/1990	562518	11/06/1990	Catheters
United States	1	REGISTERED	74120023	12/03/1990	11729126	11/03/1992	Component in the nature of a coating for use on medical devices, such as introducer sheaths, catheters and guidewires
Japan	1	REGISTERED	544318	04/28/1993	317202	07/31/1996	Lubricious coating for use on guide wires, catheters, sheaths, etc. Medical apparatus and instruments, medical treatment accessories and all other goods in this class.

Prof/ross	Country	Status	Appln No	Appln Date	Registration No.	Registration Date	Goods
Prof/ross	United States	REGISTERED	76501379	10/27/1994	7064347	01/10/1997	Catheter and components
Prof/ross	Malaysia	REGISTERED	MA01695	01/20/1995	9500936	06/10/1997	Medical and surgical apparatus
Prof/ross	Holland	REGISTERED	279919	01/27/1995	1M6396	10/20/1995	Medical catheter and components thereof
Prof/ross	France	REGISTERED	94549605	12/16/1994	94549605	12/16/1994	Medical and surgical apparatus
Prof/ross	Spain	REGISTERED	193774	12/21/1994	193774	08/04/1995	Medical and surgical apparatus
Prof/ross	Japan	REGISTERED	6128000	12/19/1994	3321116	06/13/1997	Medical and surgical apparatus
Prof/ross	Germany	REGISTERED	394070267	12/16/1994	394070267	08/16/1995	Medical and surgical apparatus
Prof/ross	Italy	REGISTERED	MI95C000153	01/10/1995	722653	07/19/1997	Medical and surgical apparatus
Prof/ross	United Kingdom	REGISTERED	2095190	12/14/1994	2095190	12/14/1994	Medical and surgical apparatus
Prof/ross	Canada	REGISTERED	770047	12/12/1994	7M454911	03/01/1996	Medical and surgical apparatus, namely, catheter and components for medical use.
Prof/ross	Belgium	REGISTERED	039012	12/14/1994	561332		Medical and surgical apparatus
Prof/ross	Australia	REGISTERED	649116	12/20/1994	649114	12/20/1994	Medical and surgical apparatus

Country	Company	Status	Appl'n No.	Appl'n Date	Registration No.	Registration Date	Goods
Belgium	Belgium	REGISTERED	787826	10/27/1992	530217	12/10/1993	Catheters, including angioplasty catheters; balloon components on angioplasty catheters.
Belgium	Belgium	REGISTERED	716701	11/12/1992	426064	05/06/1996	Compliant balloon material for angioplasty catheters
France	France	REGISTERED	924677	11/05/1992	924677	11/05/1992	Surgical and medical apparatus and instruments; suture material; balloon component on angioplasty catheters
Germany	Germany	REGISTERED	807660106Z	12/09/1992	2058996	03/07/1994	Medical disposable articles, particularly angioplasty catheters and compliant balloon materials for these catheters
Italy	Italy	REGISTERED	MI92C007551	11/05/1992	653031	06/27/1995	compliant balloon material for angioplasty catheters
Japan	Japan	REGISTERED	4314831	11/18/1992	3314399	05/30/1997	Catheters and other medical apparatus and instruments
United States	United States	REGISTERED	7446755	10/06/1995	1006427	07/10/1995	Balloon catheters
China	China	REGISTERED	162186	09/15/1982			septostomy balloon catheters
United States	United States	REGISTERED	75/029695	12/07/1995	2060055	05/06/1997	Balloon component on angioplasty catheters
Australia	Australia	REGISTERED	590307	11/13/1992	8590307	11/13/1992	Compliant balloon material being an integral component of angioplasty catheters

Country	Status	Appl. No.	Appl. Date	Registration No.	Registration Date	Goods
Spain	REGISTERED	1778737	01/08/1993	1778737	04/20/1994	catheters and balloons for angioplasty catheters
Spain	REGISTERED	929901	10/29/1992	256216	03/04/1994	Balloon component on angioplasty catheters intended to angle-catheters made from plastic materials.
Portugal	REGISTERED	287432	11/13/1992	287432	07/18/1994	Balloon component on angioplasty catheters
Canada	REGISTERED	773445	01/19/1995	194457996	05/24/1996	Balloon catheters and components
United Kingdom	REGISTERED	2013796	03/10/1995	2013796	03/10/1995	surgical and medical apparatus and instrumental parts and fittings for all the aforesaid goods.
Italy	REGISTERED	MI99C003194	03/28/1995	729278	09/23/1997	medical and surgical apparatus
Spain	REGISTERED	1955428	03/22/1995	1955428	06/05/1996	medical and surgical apparatus
Belgium	REGISTERED	844273	03/14/1995	573316	03/14/1995	medical and surgical apparatus
France	REGISTERED	9554294	03/15/1995	9554294	03/15/1995	medical and surgical apparatus
Germany	REGISTERED	395119723	03/17/1995	39511972	03/08/1996	medical and surgical apparatus

Country	Status	Appln No	Registration No	Goods
Germany	REGISTERED	30751925 10/28/1997	10751902 01/21/1998	Surgical, medical, dental and veterinary apparatus and instruments including catheters
Japan	REGISTERED	49125262 09/13/1976	1399917 11/30/1979	Medical equipment and instruments, and all other goods belonging to this class (excluding those belonging to other classes)
China	REGISTERED	162187 09/15/1982		Cardiovascular catheters
United States	REGISTERED	270590 06/07/1965	863319 01/07/1969	Cardiovascular catheters
Japan	REGISTERED	69125263 09/13/1976	1399918 11/30/1979	Medical equipment and instruments, and all other goods belonging to this class (excluding those belonging to other classes)
France	REGISTERED	97662005 02/04/1997	97662005 02/04/1997	Surgical and medical apparatus and instruments; guidewires
Germany	REGISTERED	39707924.9 02/22/1997	39707926 06/12/1997	Guidewires (medical)
France	REGISTERED	97662010 02/04/1997	97662010 02/04/1997	Medical and surgical apparatus and instruments; catheters for angioplasty
Germany	REGISTERED	39707922.2 02/22/1997	39707922 09/03/1997	Surgical, medical and dental instruments and apparatus, namely angioplasty catheters
United States	REGISTERED	75/416797 01/08/1998		A sheaf for a balloon catheter.

Appl. No.	Registration No.	Goods	Appl. Date	Registration Date	Status	Country
711690	731690	surgical, medical, dental and veterinary instruments and apparatus; prostheses; syringes; electrodes; tissue sampling instruments; surgical illuminants; catheters, accessories thereto; pacemakers; vascular and tissue replacements; infusion pumps; pressure monitors; surgical needles; occluders; clamps; spring guiders; tubing; bioptomes; vessel dilators; luer-lock fittings; Y-fittings; adapters; catheter valves; valve fittings; stopcocks; connectors; connector fittings; valve fittings; stopcocks; connectors; connector fittings; fittings; stylations; probes; spring guide control handles; manifolds; tip curve retainers; spray gun nozzles and catheter flushers and sterilization accessories; all for use in medical, surgical or therapeutic techniques.	04/06/1973	06/06/1973	REGISTERED	South Africa
3740	7053	Medical apparatus	11/23/1972	11/26/1972	REGISTERED	Romania
271776	51402	Catheters	02/20/1973	02/20/1973	REGISTERED	Poland
71684	177510	Medical apparatus and instruments, and other goods belonging to this class	06/15/1973	06/15/1973	REGISTERED	Mexico
47069402	1135920	Medical apparatus and instruments, and other goods belonging to this class	05/02/1972	07/22/1975	REGISTERED	Japan
M1920C000009	639217	Medical apparatus and instruments, and other goods belonging to this class	01/03/1992	12/27/1994	REGISTERED	Italy

Country	Status	Appl. No.	Appl. Date	Registration No.	Registration Date	Goods
Israel	REGISTERED	17662	05/14/1975	17662	07/07/1975	Urteral and urethral catheters, endotracheal catheters, caudal and spinal anesthetic catheters,
New Zealand	REGISTERED	125091	11/17/1978	125091	11/17/1978	catheters, accessories thereto, pacemakers, vascular and tissue replacements, infusion pumps, pressure monitors, surgical needles, occluders
United Kingdom	REGISTERED	1028447	04/24/1974	1028447	04/24/1976	Catheters, cannulae, infusion pumps, steering devices and guides, all for use with catheters
Germany	REGISTERED	84799010	04/28/1972	910404	04/28/1972	
Germany	REGISTERED	449142	10/26/1972	439201	02/26/1975	
France	REGISTERED	941511	07/12/1968	1477120	07/12/1968	
Finland	REGISTERED	330773	05/14/1973	48357	12/20/1978	All goods in class 10
Czechoslovakia	REGISTERED	361107AK	01/19/1973	161797	01/19/1973	Surgical and medical apparatus

Country	Status	Appln No	Appln Date	Registration No.	Registration Date	Goods
Columbia	REGISTERED	119071	06/27/1973	R7117	06/26/1974	Catheters, accessories thereto, Permeaters, Vascular and tissue Replacements, Infusion Pumps, Pressure Monitors, Surgical Needles, Occluders, Clamps Spring Guides, Tiding Vessel Dilators, Tur-Lock fittings, Y-fittings, Adaptors, Catheter Valves, Valve fittings, Stopcocks, Connectors, Connector fittings, Stylettes, Probes, Spring Guide Control Handles, Manifolds, Tip Curve Retainers.
Canada	REGISTERED	352618	04/24/1972	188808	02/23/1973	Catheters, accessories thereto, replacements, Infusion pumps, pressure monitors, surgical needles, occluders, clamps
Outports	REGISTERED	915153	12/12/1972	8708	12/27/1972	Surgical and Medical Apparatus
Brazil	REGISTERED	2203073	10/31/1973	730320303	10/27/1981	Medical Instruments
Brazil	REGISTERED	591537	05/02/1972	313704	05/02/1972	Surgical, medical, dental and veterinary instruments and apparatus

Country	Status	Appln No	Appln Date	Registration No	Registration Date	Goods
Austria	REGISTERED	AM255172	10/09/1972	71619	01/26/1973	Catheters, accessories thereto, percutaneous, vascular and tissue replacements, infusion pumps, pressure monitors, surgical needles, occluders, clamps, spring guides, tubing, biplane, vessel dilators, luer-lock fittings, Y-fittings, adapters, catheter valves, valve fittings, stopcocks, connectors, connector fittings, sphygmomanometers, spring guide control handles, manifold, tip curve retainers, spray gun liners and catheter flushers, and sterilization accessories, all for use in medical, surgical or therapeutic techniques
Australia	REGISTERED	257908	04/26/1972	A257908	07/05/1973	All goods included in class 10, catheters, catheters, accessories thereto, Pacemakers, Vascular and Tissue Replacements, Infusion Pumps, Pressure Monitors, Surgical Needles, Occluders, Clamps, Spring Guides, Tubing, Vessel Dilators, Luer-Lock Fittings, Y-Fittings, Adapters, Catheter Valves, Valve Fittings, Stopcocks, Connectors, connector fittings, sphygmomanometers.
Argentina	REGISTERED	1963926	03/03/1995	1131773	09/27/1973	Catheters, accessories thereto, Pacemakers, Vascular and Tissue Replacements, Infusion Pumps, Pressure Monitors, Surgical Needles, Occluders, Clamps, Spring Guides, Tubing, Vessel Dilators, Luer-Lock Fittings, Y-Fittings, Adapters, Catheter Valves, Valve fittings, Stopcocks, Connectors, connector fittings, sphygmomanometers.
Ukraine	REGISTERED	42695	01/17/1973	5067	05/31/1994	Catheters, accessories thereto, pacemakers, vascular and tissue replacements, infusion pumps, pressure monitors, surgical needles
Switzerland	REGISTERED	3531	07/03/1972	263203	05/01/1973	Catheters, accessories thereto, pacemakers, vascular and tissue replacements, infusion pumps, pressure monitors, surgical needles

Country	Status	Appl. No.	Appl. Date	Registration No.	Registration Date	Goods
Spain	REGISTERED	675325	06/29/1972	675325	12/06/1974	Instruments and apparatus for surgical, medical, or thourgic and veterinary.
Turkey	REGISTERED	262672	10/16/1972	23246	10/20/1978	
Denmark	REGISTERED	166872	05/08/1972	60121972	12/15/1972	
Sweden	REGISTERED	214872	05/12/1972	140951	10/13/1972	
United States	REGISTERED	72335797	08/20/1969	915151	06/15/1971	Catheters, accessories thereto, pacemakers, vascular and tissue replacements, infusion pumps, pressure monitors, surgical needles, occluders, clamps, spring guides, tubing, biopsies, vessel dilators, lever-lock fittings, y-fittings, adapters, catheter valves, valve fittings, stopcocks, connectors, connector fittings, styluses, probes, spring guides, control handles, manifolds, tip curve retainers, catheter flubber and sterilization accessories, all for use in medical, surgical and therapeutic techniques
Portugal	REGISTERED	276334	06/22/1991	276334	07/09/1993	Surgical and medical apparatus and accessories

Country: Argentina
 Status: Registered
 Appln No: 106255
 Appln Date: 10/16/1991
 Registration No.: 106255
 Registration Date: 07/17/1994

Goods:

Catheter, accessories thereto, vascular and tissue replacements, infusion pumps, pressure monitors, surgical needles, occluders, clamps, spring guides, tubing, biopsies, vessel dilators, luer-lock fittings, Y-fittings, adapters, catheter valves, valve fittings, stopcocks, connectors, connector fittings, stylettes, probes, spring guide control handles, spring guide control handles, manifold, tip curve retainers, spray gun rinsers and catheter flushers, and sterilization accessories, all for use in medical, surgical or therapeutic techniques.

Country: Venezuela
 Status: Registered
 Appln No: 1529991
 Appln Date: 08/07/1991
 Registration No.: 163548

Catheters, accessories thereto, pacemakers, vascular and tissue replacements, infusion pumps, pressure monitors, surgical needles, occluders, clamps, spring guides, tubing, biopsies, vessel dilators, luer-lock fittings, Y-fittings, adapters, catheter valves, valve fittings, stylettes, probes, spring guide control handles, manifold, tip curve retainers, spray gun rinsers and catheter flushers, and sterilization accessories, all for use in medical, surgical or therapeutic techniques.

Country: Croatia
 Status: Registered
 Appln No: 2922242M
 Appln Date: 12/30/1992
 Registration No.: 2922242
 Registration Date: 10/20/1978

Surgical, medical, stomatological and veterinary instruments and apparatus for use in medical

Country: Slovenia
 Status: Registered
 Appln No: 27200676
 Appln Date: 10/20/1978

Country	Company	Status	Appln No	Appln Date	Registration No	Registration Date	Goods
China	Shimoa	REGISTERED	0101017	01/12/1993	07678	01/31/1996	medical apparatus
Latvia	REGISTERED	MP159K	04/05/1993	M15075	04/05/1993		
Lithuania	REGISTERED	RL759	05/06/1993	9657	02/06/1994		
Russia	REGISTERED	0006904	01/17/1973	47695	01/17/1973		
China	REGISTERED	162189	09/15/1982				Medical Instruments and Apparatus
China	REGISTERED	162190	09/15/1982				Medical Instruments and Apparatus
United States	REGISTERED	178717	07/19/1978	1132644	04/08/1980		Catheters, filliform, ureteral and uretral bougies, pacemakers, pouches for pacemakers, vascular and tissue replacements, infusion pumps, pressure monitors, surgical needles, occluders, clamps, spring guides, tubing, biopsies, vessel dilators, lower-lact fittings, Y-fittings, adapters, catheter valves, valve fittings, stopcocks, connectors, connector fittings, stylettes, probes, spring guide control handles, manifolds, and tip curve retainers, all for use in medical, surgical or therapeutic techniques
China	REGISTERED	162188	09/15/1982				Cardiovascular catheters

Trademark	Country	Status	Appln No	Appln Date	Registration No.	Registration Date	Goods
UNITED STATES 11	United States	REGISTERED	165019	01/20/1978	1121700	07/10/1979	Cardiovascular catheters
1101	United States	REGISTERED	76171184	05/29/1991	1865279	11/29/1994	Catheters
1101	Australia	REGISTERED	571679	01/29/1992	8571679	01/29/1992	balloon dilatation catheters
1101	Belgium	REGISTERED	774668	01/23/1992	511761	01/23/1992	Surgical, medical, dental and veterinary apparatus and instruments, including catheters, artificial limbs, eyes and teeth; orthopedic articles; suture materials
1101	Canada	REGISTERED	697306	01/21/1992	413150	06/04/1993	catheters
1101	France	REGISTERED	92482022	01/21/1992	92482022	01/21/1992	Medical and surgical apparatus and instruments; catheters
1101	Germany	REGISTERED	6431501002	01/01/1995	2912421	11/20/1995	Catheters
1101	Ireland	REGISTERED	914848	01/23/1992	914848	01/23/1992	Surgical, medical, dental and veterinary apparatus and instruments, artificial limbs, eyes and teeth; orthopedic articles; suture materials; catheters.
1101	Japan	REGISTERED	48503	01/31/1992	244306	03/31/1994	catheters

Country	Status	Appln No	Appln Date	Registration No.	Registration Date	Goods
Spain	REGISTERED	1682317	02/05/1992	1682317	11/05/1993	Surgical, medical, dental and veterinary apparatus and instruments, artificial limbs, eyes and teeth; orthopedic articles; suture material; catheters
United States	REGISTERED	335787	08/20/1969	913999	06/06/1971	Cardiovascular electrode catheters

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Applicant	Country	Status	App'n No.	App'n Date	Registration No.	Registration Date	Goods
Cardiquest	France	PENDING	07663900	01/11/1997			an irrigator or several irrigators placed on a guidewire to assist the user, under fluoroscopy, in the placement of a guidewire within a patient's vessel
Cardiquest	Japan	PENDING	0126981	11/08/1996			irrigator or bands on guidewires
Agilion	United States	PENDING	74 179582	06/23/1991			PICA guiding catheter
Agilion	United States	PENDING	75/191737	10/30/1996			angioplasty balloon catheters.
Cardipon	Italy	PENDING	0194004173	04/30/1996			Medical and surgical apparatus
Cardipon	United States	PENDING	75/173723	09/30/1996			Catheters
Cardiquest	Italy	PENDING	0194004171	03/04/1996			Medical and surgical apparatus
Cardiquest	United States	PENDING					Stents for blood vessels; coronary stents; arterial stents; stents for use in angioplasty; and any of the aforesaid stents in combination with a delivery device therefor

Country	Status	Appln No	Appln Date	Registration No.	Registration Date	Goods
Germany	PENDING		016700		05/27/1998	Surgical, medical, dental and veterinary apparatus and instruments, artificial limbs, eyes and teeth; orthopedic articles; suture materials; coronary stent with delivery system
Germany	PENDING					As a coronary stent with delivery system
Italy	PENDING					As a coronary stent with delivery system
Japan	PENDING					Medical Apparatus and Instruments
Spain	PENDING	2160277	06/12/1998			As a coronary stent with delivery system
United Kingdom	PENDING					As a coronary stent with delivery system
France	PENDING	98756127	06/09/1998			As a coronary stent with delivery system
Japan	PENDING	97102	01/27/1997			Catheters of coaxial sheaf construction
Austria	PENDING	68576495	10/10/1995			Medical and surgical apparatus
United States	PENDING	7503186	12/15/1996			Medical guide wires
France	PENDING					guidewires for medical and surgical use

Applicant	Country	Status	Appln No	Appln Date	Registration No.	Registration Date	Goods
Guidewire	Japan	PENDING	07101	01/27/1997			Guidewires
From Start to Stem	France	PENDING	97667989	03/11/1997			Balloon catheters, guidewires, guiding catheters, stents and service mark for "one-stop shopping".
From Start to Stem	Japan	PENDING	97104	01/27/1997			Balloon, catheters, guidewires, guiding catheters and stents
From Start to Stem	United States	PENDING	75/152916	09/08/1997			Catheters, guidewires, stents
Intellite	United States	PENDING	75101262	05/09/1996			Catheter for angiotomy.
Guidefather	Belgium	PENDING					Catheters
Guidefather	France	PENDING	9769044	10/09/1997			Catheters
Guidefather	Italy	PENDING	8097000960	11/04/1997			Catheters
Guidefather	Japan	PENDING	9165869	10/08/1997			Catheters
Guidefather	Spain	PENDING					Catheters
Guidefather	United States	PENDING	75/362,876	09/23/1997			Catheters
Input	United Kingdom	PENDING					Introducer sheaths
Input	Germany	PENDING					Introducer sheaths

Country	Quantity	Status	Appln No	Appln Date	Registration No	Registration Date	Goods
United States	1	PENDING	75 290202	05/12/1997			Guldweires
Argentina		PENDING	2121097	12/16/1997			Guldweires
Brazil		PENDING					Guldweires
Canada		PENDING		12/10/1997			Guldweires
India		PENDING					Guldweires
Israel		PENDING					Guldweires
Korea		PENDING	981571	01/21/1998			Medical Guldweires
Mexico		PENDING	317529	12/15/1997			Guldweires
Russia		PENDING	97719234	12/15/1997			Guldweires
Venezuela		PENDING					Guldweires
China		PENDING	9900029609	04/02/1998			Guldweires
Italy		PENDING	MI93C006132	09/09/1993	676602	04/24/1996	Surgical and medical apparatus
Japan		PENDING					Surgical and medical apparatus
United Kingdom		PENDING	1483350	11/22/1991	1483350	11/22/1991	angioplasty guldweires

Country	Status	Appln No	Appln Date	Registration No	Registration Date	Goods
India	PENDING	512643	07/05/1990			Catheters
United Kingdom	PENDING	1519933	11/26/1992			Balloon component on angioplasty catheters
United States	PENDING	75/344148	09/29/1997			Angioplasty Balloon Catheter
Japan	PENDING					As medical catheters and catheter balloons
United States	PENDING					As medical catheters and catheter balloons
United States	PENDING	75/375,120	10/17/1997			Catheters
France	PENDING	97702147	10/29/1997			Catheters
United States	PENDING	75/048321	01/25/1996			Balloonfree
Japan	PENDING	97105	01/27/1997			Balloonfree (medical)
United States	PENDING	75/206440	05/06/1994			Catheters
Japan	PENDING	97106	01/27/1997			Catheters (angioplasty)

Applicant	Country	Status	App'n No	Registration No	Goods
U.S. U.S. U.S.	United States	PENDING	75/251767		Inflation device used with angioplasty catheters.
U.S.	South Korea	PENDING	27951992	259645	Catheters
			02/07/1992	03/16/1993	

Trademark Report

Trademark	Country	Status	Goods
Ballon on a wire	United States	COMMON LAW	Ballon dilatation catheters, guiding catheters, guidewires, froststop intillation devices and the Tobby Borst kit.
Braochamp	United States	COMMON LAW	Auto Perfusion Catheters
Briva	United States	COMMON LAW	Auto perfusion catheters
Chemp	United States	COMMON LAW	Direct laser catheter
Coating Core	United States	COMMON LAW	Monitoring/pacing electrode/catheter
Crystallink	United States	COMMON LAW	Dilatation System
Digital Access	United States	COMMON LAW	Curved catheters
Dorona	United States	COMMON LAW	Guiding catheters
Fluor guide	United States	COMMON LAW	PTCA guiding catheters
Dynamic Tip Gold Tip	United States	COMMON LAW	Angioplasty guidewires
Fluor Guide	United States	COMMON LAW	short design of spring balloon catheter
Fluor Guidewire	United States	COMMON LAW	Angioplasty probing catheter
Fluor Guidewire	United States	COMMON LAW	peripheral small vessel angioplasty catheters
Fluor Guidewire	United States	COMMON LAW	PTCA guiding catheter
Fluor Guidewire	United States	COMMON LAW	Phantom Guide Wire
Fluor Guidewire	United States	COMMON LAW	Coronary Bypass Guiding Catheter

Trademark	Country	Status	Goods
PRO-FILE	United States	COMMON LAW	PTCA Balloon. Also referred to as catheter per PFI Dime 7/97
PRO-FILE	United States	COMMON LAW	Flare guide wire
PRO-FILE	United States	COMMON LAW	Coated balloon dilatation catheters
PRO-FILE	United States	COMMON LAW	Cardiovascular catheters; Introducers
PRO-FILE	United States	COMMON LAW	Inflation device for use with angioplasty catheters
PRO-FILE	United States	COMMON LAW	PTCA guiding catheters
PRO-FILE	Spain	COMMON LAW	catheter introducers
PRO-FILE	United States	COMMON LAW	Multipurpose guiding catheter
PRO-FILE	United States	COMMON LAW	catheter
PRO-FILE	United States	COMMON LAW	PTCA guide wire ostension
PRO-FILE	United States	COMMON LAW	Identically coated guide wires
PRO-FILE	United States	COMMON LAW	PTCA guidewires
PRO-FILE	United States	COMMON LAW	Transcatheter Introducer sheaths
PRO-FILE	United States	COMMON LAW	Line extension of the PRO-FILE catheters
PRO-FILE	United States	COMMON LAW	Balloon catheters
PRO-FILE	United States	COMMON LAW	PTA balloon dilatation catheter
PRO-FILE	United States	COMMON LAW	Septotomy balloon catheters
PRO-FILE	United States	COMMON LAW	PTCA Guide Wire

Inventor	Country	Status	Goods
Wentworth	United States	PENDING LAW	multi purpose angiographic catheter.
Wentworth	United States	PENDING LAW	PICA kit used with Precise and Wizard
Wentworth	United States	PENDING LAW	Guiding Catheters
Wentworth	United States	PENDING LAW	Used with Tushy-Borst adapter
Wentworth	United States	PENDING LAW	3 Channel Tushy-Borst Y Connector/Adapter for use with PICA
West Field Spore	United States	PENDING LAW	Bipolar Electrosutery Spore
Indrillo	United States	PENDING LAW	Occlusion products
Van Laastel	United States	PENDING LAW	45 angled pigtail
Van Laastel	United States	PENDING LAW	angled pigtail catheters
Verlifen	United States	PENDING LAW	Guidewires
Warren	United States	PENDING LAW	6F Surquide Warren curve retention stylet
William	United States	PENDING LAW	Guiding Catheter
Wol	United States	PENDING LAW	Guiding catheter

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August 31, 1998

VIA FACSIMILE & FEDERAL EXPRESS

**ATTORNEY COMMUNICATION
PRIVILEGED AND CONFIDENTIAL**

Lawrence A. Fassler, Esq.
Vice President, General Counsel and Secretary
Richard L. Klein, Esq.
Vice President and Chief Patent Counsel
Arterial Vascular Engineering, Inc.
3576 Unocal Place
Santa Rosa, CA 95403

Re: Amendment to Schedules 1.1(b)(ix); 1.1b(x); 3.1(p)(i) and 3.1(p)(ii)
to Stock and Asset Purchase Agreement
Ref: 115 M

Dear Lawrence and Rick:

During the course of this month, Bard has reviewed and sought to prepare for transfer to AVE the patent and trademark files listed on Schedules 1.1(b)(ix); 1.1b(x); 3.1(p)(i) and 3.1(p)(ii) of the Stock and Asset Purchase Agreement. As you know, these patent and trademark files were identified by Bard prior to the July signing of our Stock and Asset Purchase Agreement as representing the patent and trademark filings that were part of the Business. Near the end of that review, we also received two letters from you, dated August 14 and 20, 1998, concerning proposed patent and trademark additions to the Schedules.

Pursuant to our review, Bard has identified a number of clarifications to Schedules 1.1(b)(ix); 1.1b(x); 3.1(p)(i) and 3.1(p)(ii).

This letter, once countersigned, will serve as a Letter Amendment to those Schedules, pursuant to the provisions of Section 9.7 of the Stock and Asset Purchase Agreement (hereinafter, "Letter Amendment").

**TRADEMARK
REEL: 1835 FRAME: 0919**

Lawrence A. Fassler, Esq.

Richard L. Klein, Esq.

August 31, 1998

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I. MODIFICATIONS TO Schedules 1.1(b)(ix); 1.1b(x); 3.1(p)(i) and 3.1(p)(ii)

The changes in this Letter Amendment are due to: (i) some patent or trademark filings had been abandoned prior to the date of the Stock and Asset Purchase Agreement during the course of Bard's running of the Business, (ii) a number of new Disclosures of Invention and/or patent continuations to existing cases were subsequently identified, and (iii) additional patents, patent applications or trademark filings were identified.

Where a change addresses an issue raised by your August 14 or 20 letters, we so note.

Lawrence A. Fassler, Esq.
Richard L. Klein, Esq.
August 31, 1998
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Lawrence A. Fassler, Esq.

Richard L. Klein, Esq.

August 31, 1998

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TRADEMARK

REEL: 1835 FRAME: 0922

Lawrence A. Fassler, Esq.
Richard L. Klein, Esq.
August 31, 1998
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TRADEMARK

REEL: 1633 FRAME: 0923

E. Schedule 1.1(b)(x)(1) Registered Trademarks and Tradenames

(a) Registered

1. ZUCKER, U.S. Registration No. 338787, 8/20/69, does not relate to a product sold by the Business and, accordingly, should be deleted from the Schedule.
2. In your August 20 letter, you identify the marks "165" (Registration No. 751355, 6/18/63, country unidentified). We have reviewed our records and have been unable to locate these marks, nor the products--whether or not sold by the Business-- to which they relate. If they indeed relate to a product sold by the Business, Bard has no objections to adding them to the Schedule.
- 3.

4. The Business employs the registered mark "ODYSSEY" outside of the U.S., as already identified in the Schedule. Apparently, although the mark had been previously abandoned in the U.S., the Business has recently decided to re-adopt the mark in the U.S., and an application for the mark has just been re-filed. Accordingly, this pending mark should be added to the Schedule.

(b) Pending

1. In your August 20 letter, you identify the pending mark "MINIQUET", Application No. 7541978 (1/20/98). This mark should be added to the schedule.
2. In your August 20 letter, you identify the pending mark "NEPTUNE", Application No. 75366583 (10/1/97). This mark should be added to the Schedule.
3. In your August 20 letter, you identify the pending mark "SITESEER", Application No. 75417039 (1/9/98). This mark should be added to the Schedule.

(c) Common Law

1. As advised in my August 5 letter to you, the Business has adopted "QUICKWRAP" as a common law mark. This mark should be added to the Schedule.

* * * * *

If you are in accord with these changes, kindly sign, date and return to us the enclosed copy of this Letter Amendment.

Sincerely yours,
C. R. BARD, INC.

By: 

Vincent A. Castiglione
Senior Attorney
Patents and Trademarks

VAC:maw

cc: James F. Crittenden
Craig E. Dauchy, Esq. (Cooley Godward LLP, Via Federal Express)
Richard A. Flink, Esq.
Phillip T. Ruegger III, Esq. (Simpson, Thacher & Bartlett, Via Federal Express)
Alan Schnitzer, Esq. (Simpson, Thacher & Bartlett, Via Federal Express)

Lawrence A. Fassler, Esq.
Richard L. Klein, Esq.
August 31, 1998
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Agreed and Accepted Pursuant to the provisions of Section 9.7 of the Stock and Asset Purchase Agreement between C. R. Bard, Inc. and Arterial Vascular Engineering, Inc.

ARTERIAL VASCULAR ENGINEERING, INC. C. R. BARD, INC.

Date:

Date:

By: _____

Richard A. Klein, Esq.
Vice President and Chief
Patent Counsel

By: _____

Richard A. Flink, Esq.
Senior Vice President, General Counsel
and Secretary