

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM405294

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
JPMorgan Chase Bank, N.A., as Administrative Agent		11/07/2016	national association: UNITED STATES
RECEIVING PARTY DATA			
Name:	AngioDynamics, Inc.		
Street Address:	14 Plaza Drive		
City:	Latham		
State/Country:	NEW YORK		
Postal Code:	12110		
Entity Type:	Corporation: DELAWARE		
PROPERTY NUMBERS Total: 62			
Property Type	Number	Word Mark	
Serial Number:	85926068	NAMIC FLUID MANAGEMENT	
Serial Number:	85911706	DUET	
Serial Number:	85799687	PASV	
Serial Number:	85752438	INSPIRE	
Serial Number:	85752430	HFIRE	
Serial Number:	85673871	AD ANGIODYNAMICS	
Serial Number:	85655168	SMART	
Serial Number:	85651786	ENGINEERED FOR LIFE	
Serial Number:	77651391	ANGIOVAC	
Serial Number:	85544345	VOLTA	
Serial Number:	85511849	NEOSTAR	
Serial Number:	85388276	NEVERTOUCH DIRECT	
Serial Number:	85214713	ENGINEERED FOR LIFE	
Serial Number:	85130851	NANOKNIFE	
Serial Number:	85117503	NANORAY	
Serial Number:	85117484	NANOBURST	
Serial Number:	78723671	DURATHANE	
Serial Number:	78572825	VAULT	
Serial Number:	78532978	BENEPHIT	
TRADEMARK			

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Property Type	Number	Word Mark
Serial Number:	77786077	ANGIODYNAMICS
Serial Number:	77764140	NANOKNIFE
Serial Number:	77680492	
Serial Number:	77648398	VASCPAK
Serial Number:	77594562	VENACURE EVLT
Serial Number:	77594542	VENACURE EVLT
Serial Number:	77594460	VENACURE EVLT
Serial Number:	77498941	NANOKNIFE
Serial Number:	77498876	NANOKNIFE
Serial Number:	77498835	NANOKNIFE IRREVERSIBLE ELECTROPORATION
Serial Number:	77457264	NIT-VU
Serial Number:	77308729	CENTROS
Serial Number:	77287008	DURAMAX
Serial Number:	77269405	SMART ANGLE
Serial Number:	77153690	WORKHORSE
Serial Number:	77144792	NEVERTOUCH
Serial Number:	77100736	SMART PORT
Serial Number:	77020683	SPOTLIGHT OPS
Serial Number:	76608718	TRE-SHEATH
Serial Number:	76583628	EVENMORE
Serial Number:	76580923	FLUOROMAX
Serial Number:	76580133	ABSCENSION
Serial Number:	76580127	ACCU-VU
Serial Number:	76578978	VENACURE
Serial Number:	76544680	SPEEDLYSER
Serial Number:	76497558	ANGIODYNAMICS
Serial Number:	76488919	MORPHEUS
Serial Number:	76456353	PROFILER
Serial Number:	76456072	HYDRO-TIP
Serial Number:	76335805	EVLT
Serial Number:	75838984	STARBURST
Serial Number:	75804767	VORTEX
Serial Number:	75650356	TITANPORT
Serial Number:	75202020	RITA
Serial Number:	74384435	MICROPORT
Serial Number:	74257471	SOS OMNI
Serial Number:	74255743	SOFT-VU
Serial Number:	74255742	ANGIODYNAMICS

Property Type	Number	Word Mark
Serial Number:	74177968	PULSE SPRAY
Serial Number:	74056419	INFUSE-A-PORT
Serial Number:	73585879	LIFEPORIT
Serial Number:	74722958	MICROSULIS
Serial Number:	78390676	SULIS

CORRESPONDENCE DATA

Fax Number: 3129939767
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.
Phone: 3129932647
Email: zeynep.gieseke@lw.com
Correspondent Name: Zeynep Gieseke
Address Line 1: 330 N. Wabash Avenue, Suite 2800
Address Line 2: Latham & Watkins LLP
Address Line 4: Chicago, ILLINOIS 60611

ATTORNEY DOCKET NUMBER:	049067-0163
NAME OF SUBMITTER:	Zeynep Gieseke
SIGNATURE:	/zg/
DATE SIGNED:	11/12/2016

Total Attachments: 37
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**RELEASE OF SECURITY INTEREST
IN INTELLECTUAL PROPERTY COLLATERAL**

This **RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL** (this "Release"), dated as of November 7, 2016, is made by **JPMORGAN CHASE BANK, N.A.**, as Administrative Agent for the Secured Parties (the "Administrative Agent"), under the Credit Agreement referred to below (terms used in this Release and not herein defined shall have the meanings set forth in the Credit Agreement).

WHEREAS, in connection with that certain Credit Agreement dated as of September 19, 2013 (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), among AngioDynamics, Inc., a Delaware corporation (the "Borrower"), the Lenders party thereto and Administrative Agent, the Lenders have agreed to make loans and extend other financial accommodations to or for the benefit of the Borrower;

WHEREAS, certain Subsidiaries of Borrower have guaranteed the repayment of the Secured Obligations pursuant to a Guaranty dated as of September 19, 2013 (as may be amended, restated, supplemented or otherwise modified from time to time);

WHEREAS, the Borrower and certain Subsidiaries of Borrower have entered into a Pledge and Security Agreement dated as of September 19, 2013 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement");

WHEREAS, in connection with the Credit Agreement, Security Agreement and pursuant to those certain agreements described on Annex I attached hereto (collectively, the "IP Security Agreements"), the Borrower and certain Subsidiaries of Borrower granted security interests in certain intellectual property owned by Borrower and certain Subsidiaries of Borrower, including those listed on Annex I attached hereto (the "IP Collateral"); and

WHEREAS, the IP Security Agreements were recorded in the U.S. Patent and Trademark Office on the dates and on the reels and frames set forth on Annex I hereto.

NOW THEREFORE, in consideration of the material covenants and agreements set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Administrative Agent hereby **RELEASES**, terminates and discharges, without representation, recourse or warranty whatsoever, all of its rights in, to and under, including its Lien on and security interest in, and right of setoff against, the IP Collateral, whether granted pursuant to the Security Agreement, the IP Security Agreements or any other agreement or document delivered in connection with the Credit Agreement, and the Administrative Agent hereby reassigns any and all such right, title and interest (if any) that the Administrative Agent may have in, to and under the IP Collateral to Borrower or its Subsidiaries, as applicable.

The Administrative Agent agrees, at Borrower's expense, to cooperate with Borrower and to provide Borrower with the information and additional authorization reasonably required or desirable to effect the release of the Administrative Agent's security interest in the released collateral described herein.

This Release and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the laws of the State of New York.

[Signature Page Follows]


IN WITNESS WHEREOF, the Administrative Agent has executed this Release as of the date first above written.

JPMORGAN CHASE BANK, N.A.,
as Administrative Agent

By: Karen L. Mikols
Name: Karen L. Mikols
Title: Authorized Officer

ANNEX I

Confirmatory Grant of Security Interest in United States Trademarks dated as of September 19, 2013, by AngioDynamics, Inc. in favor of Administrative Agent, was recorded with the U.S. Patent and Trademark Office on September 30, 2013 at Reel/Frame No. 5121/0223.

NO.	MARK	SERIAL NO.	DATE FILED	REG. NO.	DATE REG.	STATUS
1.	NAMIC FLUID MANAGEMENT <i>and Design</i> 	85926068	5/8/2013			PENDING
2.	DUET	85911706	4/23/2013			PENDING
3.	PASV	85799687	12/11/2012			PENDING
4.	INSPIRE	85752438	10/12/2012			PENDING
5.	HFIRE	85752430	10/12/2012			PENDING
6.	AD ANGIODYNAMICS	85673871	7/11/2012			PENDING
7.	SMART	85655168	6/19/2012			PENDING
8.	ENGINEERED FOR LIFE	85651786	6/14/2012	4355358	6/18/2103	REGISTERED
9.	ANGIOVAC	77651391	1/16/2009	3765000	3/23/2010	REGISTERED
10.	VOLTA	85544345	2/16/2012			PENDING
11.	NEOSTAR	85511849	1/9/2012	4236531	11/6/2012	REGISTERED
12.	NEVERTOUCH DIRECT	85388276	8/3/2011	4250957	11/27/2012	REGISTERED
13.	ENGINEERED FOR LIFE	85214713	1/11/2011	4335300	5/14/2013	REGISTERED
14.	NANOKNIFE	85130851	9/16/2010	3954994	5/3/2011	REGISTERED
15.	NANORAY	85117503	8/27/2010			PENDING
16.	NANOBURST	85117484	8/27/2010			PENDING
17.	DURATHANE	78723671	9/29/2005	3217165	3/13/2007	REGISTERED
18.	VAULT	78572825	2/23/2005	3122045	7/25/2006	REGISTERED
19.	BENEPHIT	78532978	12/15/2004	3046138	1/17/2006	REGISTERED
20.	ANGIODYNAMICS	77786077	7/21/2009	3749761	2/16/2010	REGISTERED
21.	NANOKNIFE <i>and Design</i> 	77764140	6/19/2009	3798592	6/8/2010	REGISTERED
22.	DESIGN ONLY	77680492	2/27/2009	3848523	9/14/2010	REGISTERED

NO	MARK	SERIAL NO	DATE FILED	REG. NO	DATE REG	STATUS
						
23.	VASCPAK	77648398	1/13/2009	3944880	4/12/2011	REGISTERED
24.	VENACURE EVLT <i>and Design</i> 	77594562	10/16/2008	3857464	10/5/2010	REGISTERED
25.	VENACURE EVLT <i>and Design</i> 	77594542	10/16/2008	3857463	10/5/2010	REGISTERED
26.	VENCURE EVLT	77594460	10/16/2008	3857462	10/5/2010	REGISTERED
27.	NANOKNIFE	77498941	6/13/2008	3620734	5/12/2009	REGISTERED
28.	NANOKNIFE <i>and Design</i> 	77498876	6/13/2008	3640982	6/16/2009	REGISTERED
29.	NANOKNIFE IRREVERSIBLE ELECTROPORATION <i>and Design</i> 	77498835	6/13/2008	3775495	4/13/2010	REGISTERED
30.	NIT-VU	77457264	4/24/2008	3659067	7/21/2009	REGISTERED
31.	CENTROS	77308729	10/19/2007	3541404	12/2/2008	REGISTERED
32.	DURAMAX	77287008	9/24/2007	3790595	5/18/2010	REGISTERED
33.	SMART ANGLE	77269405	8/31/2007	3565493	1/20/2009	REGISTERED
34.	WORKHORSE	77153690	4/11/2007	3311618	10/16/2007	REGISTERED
35.	NEVERTOUCH	77144792	3/30/2007	3406322	4/1/2008	REGISTERED
36.	SMART PORT	77100736	2/6/2007	3607814	4/14/2009	REGISTERED
37.	SPOTLIGHT OPS	77020683	10/13/2006	3645354	6/30/2009	REGISTERED
38.	TRE-SHEATH	76608718	8/26/2004	3204304	1/30/2007	REGISTERED
39.	EVENMORE	76583628	3/29/2004	2978022	7/26/2005	REGISTERED
40.	FLUOROMAX	76580923	3/15/2004	2930432	3/8/2005	REGISTERED
41.	ABCESSION	76580133	3/10/2004	2964766	7/5/2005	REGISTERED
42.	ACCU-VU	76580127	3/10/2004	2982694	8/9/2005	REGISTERED

NO.	MARK	SERIAL NO.	DATE FILED	REG. NO.	DATE REG.	STATUS
43.	VENACURE	76578978	3/3/2004	3068771	3/14/2005	REGISTERED
44.	SPEEDLYSER <i>Stylized Letters</i> <i>SPEEDLYSER</i>	76544680	9/15/2003	2917862	1/11/2005	REGISTERED
45.	ANGIODYNAMICS	76497558	3/17/2003	2822666	3/16/2004	REGISTERED
46.	MORPHEUS	76488919	2/10/2003	2900404	11/2/2004	REGISTERED
47.	PROFILER	76456353	9/30/2002	3077063	4/4/2006	REGISTERED
48.	HYDRO-TIP	76456072	10/4/2002	2863395	7/13/2004	REGISTERED
49.	EVLT	76335805	11/7/2001	2715197	5/13/2003	REGISTERED
50.	STARBURST	75838984	11/3/1999	2739418	7/22/2003	REGISTERED
51.	VORTEX	75804767	9/20/1999	2562826	4/23/2002	RENEWED
52.	TITANPORT	75650356	2/26/1999	3012421	11/8/2005	RENEWED
53.	RITA	75202020	11/20/1996	2307710	1/11/2000	RENEWED
54.	MICROPORT	74384435	4/27/1993	1852317	9/6/1994	RENEWED
55.	SOS OMNI	74257471	3/20/1992	1790244	8/31/1993	RENEWED
56.	SOFT-VU	74255743	3/16/1992	1732819	11/17/1992	RENEWED
57.	ANGIODYNAMICS	74255742	3/16/1992	1804291	11/16/1993	RENEWED
58.	PULSE SPRAY <i>and Design</i> PULSE*SPRAY	74177968	6/20/1991	1688929	5/26/1992	RENEWED
59.	INFUSE-A-PORT	74056419	5/7/1990	1669280	12/24/1991	RENEWED
60.	LIFEPOR	73585879	3/3/1986	1413230	10/14/1986	RENEWED
61.	FEMWAVE	79016675	7/20/2005	3194496	1/2/2007	REGISTERED
62.	MICROSULIS	74722958	8/30/1995	2204695	11/24/1998	RENEWED
63.	SULIS	78390676	3/25/2004	3078565	4/11/2006	REGISTERED

Confirmatory Grant of Security Interest in United States Patents dated as of September 19, 2013, by AngioDynamics, Inc. in favor of Administrative Agent, was recorded with the U.S. Patent and Trademark Office on September 30, 2013 at Reel/Frame No. 031315/0720.

NO.	PATENT NO./ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
1.	6577903		THERMAL SENSOR POSITIONING IN A MICROWAVE WAVEGUIDE	ISSUED
2.	6635055		MICROWAVE APPLICATOR	ISSUED
3.	6733489		VASCULAR ORIENTATION MARKER FOR DETERMINING THE ORIENTATION OF A BLOOD VESSEL	ISSUED
4.	10573871		DEVICE AND METHOD FOR TREATMENT OF HOLLOW ANATOMICAL STRUCTURES	PENDING
5.	10577414		RADIATION APPLICATOR AND METHOD OF RADIATING TISSUE	PENDING
6.	11375600		ELECTROPORATION CONTROLLED WITH REAL TIME IMAGING	PENDING
7.	11646141		RADIATION APPLICATOR AND METHOD OF RADIATING TISSUE	PENDING
8.	12206090		MICROWAVE APPLICATOR	PENDING
9.	12206226		IMPLANTABLE ACCESS PORT	PENDING
10.	12610037		CATHETER HUB ASSEMBLY	PENDING
11.	12866288		MICROWAVE APPLICATOR	PENDING
12.	13500378		MEDICAL DEVICES AND PUMPS THEREFOR	PENDING
13.	13556455		METHOD OF DESTROYING TISSUE CELLS BY ELECTROPORATION	PENDING
14.	13556510		IRREVERSIBLE ELECTROPORATION AND TISSUE REGENERATION	PENDING
15.	13566502		DEVICE AND METHOD FOR ENDOVASCULAR TREATMENT FOR CAUSING CLOSURE OF A BLOOD VESSEL	PENDING
16.	13680397		PORT SEPTUM WITH INTEGRAL VALVE	PENDING
17.	13683047		RADIATION APPLICATOR FOR MICROWAVE MEDICAL TREATMENT	PENDING
18.	13739050		PRESSURE ACTIVATED VALVE WITH HIGH FLOW SLIT	PENDING

NO.	PATENT NO/ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
19.	13762027		SYSTEM AND METHOD FOR INCREASING A TARGET ZONE FOR ELECTRICAL ABLATION	PENDING
20.	13850932		METHOD OF TREATING A BLOOD VESSEL WITH AN OPTICAL FIBER HAVING A SPACER	PENDING
21.	13852257		PORT RESERVOIR CLEANING SYSTEM AND METHOD	PENDING
22.	13860026		PORT CATHETER LOCKING SYSTEM AND METHOD	PENDING
23.	13872334		PRESSURE ACTIVATED SAFETY VALVE WITH GROOVED MEMBRANE	PENDING
24.	13883388		METHOD AND APPARATUS FOR THE TREATMENT OF TUBULAR ANATOMICAL STRUCTURES	PENDING
25.	13898960		MOTION RATE SENSOR	PENDING
26.	13940299		SYSTEMS AND METHODS FOR REMOVING UNDESIRABLE MATERIAL WITHIN A CIRCULATORY SYSTEM	PENDING
27.	13941745		FLUID BYPASS DEVICE FOR VALVED CATHETERS	PENDING
28.	13961237		PRESSURE ACTUATED VALVE WITH CURVED SLIT CONFIGURATION	PENDING
29.	13970655		VALVED CATHETERS INCLUDING HIGH FLOW RATE CATHETERS	PENDING
30.	13971879		HIGH FLOW RATE DIALYSIS CATHETERS AND RELATED METHODS	PENDING
31.	13975755		METHODS AND APPARATUSES FOR TISSUE TREATMENT	PENDING
32.	29410449		DIALYSIS CATHETER TIP	PENDING
33.	29440680		INTRODUCER HUB	PENDING
34.	61704708		AUTOMATED INJECTOR SYSTEM AND METHOD OF USE	PENDING
35.	61754687		POWER INJECTOR DEVICE, METHOD AND ASSEMBLY	PENDING
36.	61755426		MODULAR ABLATION SYSTEM AND FLUID PUMP FOR SAME	PENDING

NO.	PATENT NO./ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
37.	61771574		MODULAR ABLATION SYSTEM AND FLUID PUMP FOR SAME	PENDING
38.	61782913		METHOD FOR LOCATING A CATHETER USING INTRACARDIAL ECG	PENDING
39.	61786849		VARIABLE CHARACTERISTIC VENOUS ACCESS CATHETER SHAFT WITH SURFACE MODIFIERS AND METHODS	PENDING
40.	61787905		IMPROVED MEDICAL DEVICES HAVING SURFACE MODIFIERS	PENDING
41.	61791315		TRIMMABLE CATHETERS HAVING THROMBORESISTANT TIPS	PENDING
42.	61791863		CATHETER SHAFT WITH BLOOD PLATELET ANTI-ADHESION SURFACES	PENDING
43.	61793691		THERMOPLASTIC POLYURETHANE ADMIXTURES	PENDING
44.	61824843		MODULAR ABLATION SYSTEM AND FLUID PUMP FOR SAME	PENDING
45.	61834471		METHOD OF STERILIZATION AND TREATING INFECTION USING IRREVERSIBLE ELECTROPORATION	
46.	61858332		MICROWAVE TISSUE ABLATION ANTENNA WITH IMPROVED TIP ROBUSTNESS	PENDING
47.	61863494		CONSTRUCTIVE INTERFERENCE BASED ABLATION SYSTEM	PENDING
48.	61867627		LASER DEVICE AND METHOD OF USE	PENDING
49.	13852436		HIGH FLOW RATE DUAL RESERVOIR PORT SYSTEM	PENDING
50.	20130197558 13363590	8/1/2013 2/1/2012	SKIN NICKING DEVICE, METHOD AND ASSEMBLY	PUBLISHED
51.	20130184702 13550307	7/18/2013 7/16/2012	DEVICE AND METHOD FOR ELECTROPORATION BASED TREATMENT OF STENOSIS OF A TUBULAR BODY PART	PUBLISHED

NO.	PATENT NO./ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
52.	20130178739 13347786	7/11/2013 1/11/2012	METHODS, ASSEMBLIES AND DEVICES FOR POSITIONING A CATHETER TIP USING AN ULTRASONIC IMAGING SYSTEM	PUBLISHED
53.	20130150811 13316870	6/13/2013 12/12/2011	HIGH-FLOW PORT SYSTEM	PUBLISHED
54.	20130090646 13630135	4/11/2013 9/28/2012	MULTIPLE TREATMENT ZONE ABLATION PROBE	PUBLISHED
55.	20130006229 13539523	1/3/2013 7/2/2012	ENDOVASCULAR PLASMA TREATMENT DEVICE AND METHOD OF USE	PUBLISHED
56.	20120310230 13150586	12/6/2012 6/1/2011	COAXIAL DUAL FUNCTION PROBE AND METHOD OF USE	PUBLISHED
57.	20120253295 13042722	10/4/2012 3/31/2011	IMPLANTABLE CATHETER AND METHOD OF USING SAME	PUBLISHED
58.	20120239064 13420913	9/20/2012 3/15/2012	DEVICE AND METHOD FOR REMOVING MATERIAL FROM A HOLLOW ANATOMICAL STRUCTURE	PUBLISHED
59.	20120226271 13472557	9/6/2012 5/16/2012	VACUUM ABLATION APPARATUS AND METHOD	PUBLISHED
60.	20120150172 13390313	6/14/2012 2/13/2012	MULTI-ELECTRODE ENERGY DELIVERY DEVICE AND METHOD OF USING THE SAME	PUBLISHED
61.	20120143239 13310201	6/7/2012 12/2/2011	DEVICES AND METHODS FOR REMOVING CLOTS	PUBLISHED
62.	20120136341 13368371	5/31/2012 2/8/2012	MULTILUMEN CATHETERS AND METHOD OF MANUFACTURING	PUBLISHED
63.	20120101471 13279427	4/26/2012 10/24/2011	SELF-POWERED INFUSION DEVICE AND METHOD OF USE	PUBLISHED
64.	20120095459 13273001	4/19/2012 10/13/2001	SYSTEM AND METHOD FOR ELECTRICALLY ABLATING TISSUE OF A PATIENT	PUBLISHED
65.	20120083702 13251686	4/5/2012 10/3/2011	METHOD FOR LOCATING A CATHETER TIP USING AUDIO DETECTION	PUBLISHED
66.	20120059356 13274163	3/8/2012 10/14/2011	DEVICE AND METHOD FOR REMOVING MATERIAL FROM A HOLLOW ANATOMICAL STRUCTURE	PUBLISHED

NO.	PATENT NO./ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
67.	20120059309 13226538	3/8/2012 9/7/2011	FLUID DELIVERY AND TREATMENT DEVICE AND METHOD OF USE	PUBLISHED
68.	20120010650 13238149	1/12/2012 9/21/2011	UNIVERSAL CAPTURE ASSEMBLY	PUBLISHED
69.	20110301634 13084694	12/8/2011 4/12/2011	SYSTEMS AND METHODS FOR REMOVING AND FRAGMENTING UNDESIRABLE MATERIAL WITHIN A CIRCULATORY SYSTEM	PUBLISHED
70.	8425455 13074536	4/23/2013 3/29/2011	BRONCHIAL CATHETER AND METHOD OF USE	PATENT
71.	20110238057 13028431	9/29/2011 2/16/2011	DUAL BRACKETED ENERGY DELIVERY PROBE AND METHOD OF USE	PUBLISHED
72.	20110213297 13084675	9/1/2011 4/12/2011	SYSTEMS AND METHODS FOR REMOVING UNDESIRABLE MATERIAL WITHIN A CIRCULATORY SYSTEM DURING A SURGICAL PROCEDURE	PUBLISHED
73.	20110202053 13027801	8/18/2011 2/15/2011	ABLATION DEVICE WITH GUIDE SLEEVES	PUBLISHED
74.	20110190806 12999104	8/4/2011 6/19/2008	THROMBECTOMY CATHETER AND A DEVICE FOR COMPRISING THE SAME	PUBLISHED
75.	20110190767 13080437	8/4/2011 4/5/2011	CAVITY ABLATION APPARATUS AND METHOD	PUBLISHED
76.	20110172644 13071660	7/14/2011 3/25/2011	MULTI LAYER COEXTRUDED CATHETER SHAFT	PUBLISHED
77.	8251986 12501225	8/28/2012 7/10/2009	APPARATUS AND METHOD FOR REDUCING SUBCUTANEOUS FAT DEPOSITS, VIRTUAL FACELIFT AND BODY SCULPTURING BY ELECTROPORATION	PATENT
78.	20100305462 12790681	12/2/2010 5/28/2010	SYSTEM AND METHOD FOR SYNCHRONIZING ENERGY DELIVERY TO THE CARDIAC RHYTHM	PUBLISHED
79.	20100262067 12820955	10/14/2010 6/22/2010	METHOD FOR TREATMENT OF NEOPLASTIC CELLS IN THE PROSTATE OF A PATIENT	PUBLISHED

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80.	20100256628 12754210	10/7/2010 4/5/2010	IRREVERSIBLE ELECTROPORATION (IRE) FOR CONGESTIVE OBSTRUCTIVE PULMONARY DISEASE (COPD)	PUBLISHED
81.	20100256487 12754975	10/7/2010 4/6/2010	MICRO CENTRAL LINE VASCULAR ACCESS CATHETER AND METHOD OF USE	
82.	20100250209 12751826	9/30/2010 3/31/2010	SYSTEM AND METHOD FOR ESTIMATING A TREATMENT REGION FOR A MEDICAL TREATMENT DEVICE	PUBLISHED
83.	20100249771 12751854	9/30/2010 3/31/2010	SYSTEM AND METHOD FOR INTERACTIVELY PLANNING AND CONTROLLING A TREATMENT OF A PATIENT WITH A MEDICAL TREATMENT DEVICE	PUBLISHED
84.	8231603 12703355	7/31/2012 2/10/2010	IRREVERSIBLE ELECTROPORATION AND TISSUE REGENERATION	PATENT
85.	8409241 12759309	4/2/2013 4/13/2010	BLOOD CLOT FILTER	PUBLISHED
86.	20100191235 12693234	7/29/2010 1/25/2010	THERAPEUTIC ENERGY DELIVERY DEVICE WITH ROTATIONAL MECHANISM	PUBLISHED
87.	20100191165 12648153	7/29/2010 12/28/2009	MULTILUMEN CATHETERS AND METHOD OF MANUFACTURING	PUBLISHED
88.	20100185180 12749555	7/22/2010 3/30/2010	LOCKING CLAMP	PUBLISHED
89.	20100004623 12561064	1/7/2010 9/16/2009	METHOD FOR TREATMENT OF COMPLICATIONS ASSOCIATED WITH ARTERIOVENOUS GRAFTS AND FISTULAS USING ELECTROPORATION	PUBLISHED
90.	20090318905 12489817	12/24/2009 6/23/2009	TREATMENT DEVICES AND METHODS	PUBLISHED
91.	8518011 12549486	8/27/2013 8/28/2009	SHEATH FOR USE IN PERIPHERAL INTERVENTIONS	PUBLISHED
92.	20090318849 12488070	12/24/2009 6/19/2009	DEVICE AND METHOD FOR THE ABLATION OF FIBRIN SHEATH FORMATION ON A VENOUS CATHETER	PUBLISHED

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93.	20090306606 12136149	12/10/2009 6/10/2008	CATHETER HUB ASSEMBLY WITH VASCULAR ACCESS PORT	PUBLISHED
94.	20090292342 12510011	11/26/2009 7/27/2009	METHODS AND SYSTEMS FOR TREATING BPH USING ELECTROPORATION	PUBLISHED
95.	20090287242 12508175	11/19/2009 7/23/2009	METHOD OF RETRIEVING A BLOOD CLOT FILTER	PUBLISHED
96.	8425501 12496515	4/23/2013 7/1/2009	METHOD OF TREATING A BLOOD VESSEL WITH AN OPTICAL FIBER HAVING A SPACER	PATENT
97.	20090247933 12413357	10/1/2009 3/27/2009	BALLOON CATHETER METHOD FOR REDUCING RESTENOSIS VIA IRREVERSIBLE ELECTROPORATION	PUBLISHED
98.	20090227862 12206226	9/10/2009 9/8/2008	IMPLANTABLE ACCESS PORT	PUBLISHED
99.	20090157051 12392220	6/18/2009 2/25/2009	CATHETER WITH OPEN FACED END PORTION	PUBLISHED
100.	8241343 12267403	8/14/2012 11/7/2008	DEVICE AND METHOD FOR PROVIDING POWER TO LIGHTING ELEMENTS FOR USE AS A VISUAL INDICATOR IN A MEDICAL PROBE	PATENT
101.	8372064 12267307	2/12/2013 11/7/2008	ARTICULATABLE DEVICE FOR DELIVERING THERAPEUTIC ENERGY TO TISSUE	PATENT
102.	20090118727 11935075	5/7/2009 11/5/2007	ABLATION DEVICES AND METHODS OF USING THE SAME	PUBLISHED
103.	20090118683 12246303	5/7/2009 10/6/2008	DUAL RESERVOIR IMPLANTABLE ACCESS PORT	PUBLISHED
104.	20090038752 11658391	2/12/2009 10/16/2008	REINFORCED BALLOON FOR A CATHETER	PUBLISHED
105.	8216224 11893911	7/10/2012 8/17/2007	TISSUE SURFACE TREATMENT APPARATUS AND METHOD	PATENT
106.	20080249399 12138134	10/9/2008 6/12/2008	ENDOVASCULAR TREATMENT APPARATUS AND METHOD	PUBLISHED
107.	20080188843 12100309	8/7/2008 4/9/2008	DEVICE AND METHOD FOR ENDOVASCULAR TREATMENT FOR CAUSING CLOSURE OF A BLOOD VESSEL	PUBLISHED

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108.	20080154259 12041709	3/4/2008 6/26/2008	ABLATION APPARATUS AND METHOD	PUBLISHED
109.	20080154236 12044230	6/26/2008 3/7/2008	METHOD AND APPARATUS FOR INTRA-AORTIC SUBSTANCE DELIVERY TO A BRANCH VESSEL	PUBLISHED
110.	8317773 11557369	11/27/2012 11/7/2006	CATHETER WITH OPEN FACED SLOPED END PORTION	PATENT
111.	20080021371 11864320	1/24/2008 9/28/2007	METHODS AND SYSTEMS FOR TREATING RESTENOSIS USING ELECTROPORATION	PUBLISHED
112.	8475488 11625723	7/2/2013 1/22/2007	RETRIEVABLE BLOOD CLOT FILTER	PATENT
113.	20070156135 11325256	7/5/2007 1/3/2006	SYSTEM AND METHODS FOR TREATING ATRIAL FIBRILLATION USING ELECTROPORATION	PUBLISHED
114.	8413664 11362239	4/9/2013 2/24/2006	METHOD OF THERMALLY TREATING BLOOD VESSELS	PATENT
115.	20060095015 11303818	5/4/2006 12/15/2005	VENOUS INSUFFICIENCY TREATMENT METHOD	PUBLISHED
116.	8506512 13084669	8/13/2013 4/12/2011	SYSTEMS AND METHODS FOR REMOVING UNDESIRABLE MATERIAL WITHIN A CIRCULATORY SYSTEM UTILIZING A BALLOON CATHETER	PATENT
117.	8251986 12501225	8/28/2012 7/10/2009	METHOD OF DESTROYING TISSUE CELLS BY ELECTROPORATION	PATENT
118.	8118828 11740516	2/21/2012 4/26/2007	RETRIEVABLE BLOOD CLOT FILTER AND METHOD OF RETRIEVING	PATENT
119.	8114070 11166974	2/14/2012 6/24/2005	METHODS AND SYSTEMS FOR TREATING BPH USING ELECTROPORATION	PATENT
120.	8075510 12187121	12/13/2011 8/6/2008	SYSTEMS AND METHODS FOR REMOVING UNDESIRABLE MATERIAL WITHIN A CIRCULATORY SYSTEM	PATENT
121.	8057460 11876280	11/15/2011 10/22/2007	CATHETER RETENTION	PATENT
122.	8012121 11768390	9/6/2011 6/26/2007	METHOD AND APPARATUS FOR SELECTIVE MATERIAL DELIVERY VIA AN INTRARENAL CATHETER	PATENT

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123.	7993325 11241749	8/9/2011 9/29/2005	RENAL INFUSION SYSTEMS AND METHODS	PATENT
124.	7942873 11388724	5/17/2011 3/24/2006	CAVITY ABLATION APPARATUS AND METHOD	PATENT
125.	7938824 11106835	5/10/2011 4/15/2005	APPARATUS AND METHOD FOR REDUCING SUBCUTANEOUS FAT DEPOSITS. VIRTUAL FACE LIFT AND BODY SCULPTURING BY ELECTROPORATION	PATENT
126.	7914503 11084738	3/29/2011 3/16/2005	METHOD AND APPARATUS FOR SELECTIVE MATERIAL DELIVERY VIA AN INTRA-RENAL CATHETER	PATENT
127.	7907643 12253079	3/15/2011 10/16/2008	LASER SYSTEM	PATENT
128.	7905875 12643562	3/15/2011 12/21/2009	IMPLANTABLE CATHETER AND METHOD OF USING SAME	PATENT
129.	7833215 11551529	11/16/2010 10/20/2006	CATHETER FLUID LOCK METHOD AND DEVICE	PATENT
130.	7826904 11348980	11/2/2010 2/7/2006	INTERSTITIAL MICROWAVE SYSTEM AND METHOD FOR THERMAL TREATMENT OF DISEASES	PATENT
131.	7811315 10181703	10/12/2010 10/24/2002	IMPLANT VALVE FOR IMPLANTATION IN A BLOOD VESSEL	PATENT
132.	7780628 09562493	8/24/2010 5/1/2000	APPARATUS AND METHODS FOR TREATING CONGESTIVE HEART DISEASE	PATENT
133.	7771401 11758417	8/10/2010 6/5/2007	SELECTIVE RENAL CANNULATION AND INFUSION SYSTEMS AND METHODS	PATENT
134.	7766961 11295735	8/3/2010 12/5/2005	SYSTEMS AND METHODS FOR PERFORMING BI-LATERAL INTERVENTIONS OR DIAGNOSIS IN BRANCHED BODY LUMENS	PATENT
135.	7766892 10153050	8/3/2010 5/21/2002	APPARATUS AND METHODS FOR TREATING CONGESTIVE HEART DISEASE	PATENT

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136.	7765010 11347965	7/27/2010 2/6/2006	APPARATUS AND METHOD FOR TREATMENT OF BENIGN PROSTATIC HYPERPLASIA	PATENT
137.	7740616 11392257	6/22/2010 3/29/2006	IMPLANTABLE CATHETER AND METHOD OF USING THE SAME	PATENT
138.	7722635 10991013	5/25/2010 11/16/2004	BLOOD CLOT FILTER	PATENT
139.	7641645 11023901	1/5/2010 12/28/2004	COMBINATION THROMBOLYTIC INFUSION CATHETER AND DILATOR SYSTEM	PATENT
140.	7575563 11263361	8/18/2009 10/31/2005	BLOOD TREATMENT CATHETER ASSEMBLY	PATENT
141.	7559329 11777198	7/14/2009 7/12/2007	METHOD OF TREATING A BLOOD VESSEL WITH AN OPTICAL FIBER HAVING A SPACER	PATENT
142.	7544202 10991041	6/9/2009 11/16/2004	RETRIEVABLE BLOOD CLOT FILTER	PATENT
143.	7483457 10521383	1/27/2009 9/14/2005	LASER SYSTEM	PATENT
144.	7458967 10836084	12/2/2008 4/30/2004	ENDOVASCULAR TREATMENT APPARATUS AND METHOD	PATENT
145.	7455675 10458783	11/25/2008 6/10/2003	DEVICE AND METHOD FOR WITHDRAWING A TUBULAR BODY PART	PATENT
146.	7422586 09797409	9/9/2008 2/28/2001	TISSUE SURFACE TREATMENT APPARATUS AND METHOD	PATENT
147.	7419487 09916214	9/2/2008 7/25/2001	APPARATUS FOR DETECTING AND TREATING TUMORS USING LOCALIZED IMPEDANCE MEASUREMENT	PATENT
148.	7396358 11293543	7/8./2008 12/2/2005	DEVICE AND METHOD FOR CONVERTING A BALLOON CATHETER INTO A CUTTING BALLOON CATHETER	PATENT

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149.	7364566 11084434	4/29/2008 3/18/2005	METHOD AND APPARATUS FOR INTRA- AORTIC SUBSTANCE DELIVERY TO A BRANCH VESSEL	PATENT
150.	7347852 09989261	3/25/2008 11/20/2001	CATHETER RETENTION	PATENT
151.	7344533 10260187	3/18/2008 9/28/2002	IMPEDANCE CONTROLLED TISSUE ABLATION APPARATUS AND METHOD	PATENT
152.	7341570 10613654	3/11/2008 7/3/2003	APPARATUS AND METHODS FOR TREATING CONGESTIVE HEART DISEASE	PATENT
153.	7335192 10438176	2/26/2008 5/13/2003	APPARATUS AND METHODS FOR TREATING CONGESTIVE HEART DISEASE	PATENT
154.	7329236 11221679	2/12/2008 9/7/2005	INTRA-AORTIC RENAL DRUG DELIVERY CATHETER	PATENT
155.	7279000 11165675	10/9/2007 6/24/2005	PERMANENT BLOOD CLOT FILTER WITH CAPABILITY OF BEING RETRIEVED	PATENT
156.	7278991 09938276	10/9/2007 8/22/2001	TISSUE SURFACE TREATMENT APPARATUS AND METHOD	PATENT
157.	7273478 10613395	9/25/2007 7/3/2003	ENDOVASCULAR TREATMENT DEVICE HAVING A FIBER TIP SPACER	PATENT
158.	7267676 11690175	9/11/2007 3/23/2007	METHOD FOR HAIR REMOVAL BY ELECTROPORATION	PATENT
159.	7261731 10360120	8/28/2007 2/7/2003	CONVERTIBLE BLOOD CLOT FILTER	PATENT
160.	7241273 10636359	7/10/2007 8/6/2003	INTRA-AORTIC RENAL DELIVERY CATHETER	PATENT
161.	7217256 10821472	5/15/2007 4/8/2004	LOCKING CATHETER TUBE	PATENT
162.	7211083 10801783	5/1/2007 3/16/2004	APPARATUS AND METHOD FOR HAIR REMOVAL BY ELECTROPORATION	PATENT
163.	7163533 10393922	1/16/2007 3/20/2003	VASCULAR TREATMENT DEVICE AND METHOD	PATENT

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164.	7160296 10142713	1/9/2007 5/10/2002	TISSUE ABLATION APPARATUS AND METHOD	PATENT
165.	7150744 10700605	12/19/2006 11/3/2003	INFUSION ARRAY ABLATION APPARATUS	PATENT
166.	7131981 10640716	11/7/2006 8/13/2003	DEVICE AND METHOD FOR CONVERTING A BALLOON CATHETER INTO A CUTTING BALLOON CATHETER	PATENT
167.	7122019 09724691	10/17/2006 11/28/2000	INTRA-AORTIC RENAL DRUG DELIVERY CATHETER	PATENT
168.	7108696 10668433	9/19/2006 9/22/2003	BONE-TREATMENT INSTRUMENT AND METHOD	PATENT
169.	7104981 11259187	9/12/2006 10/25/2005	APPARATUS AND METHOD FOR INSERTING AN INTRA-AORTA CATHETER THROUGH A DELIVERY SHEATH	PATENT
170.	7063679 10251915	6/20/2006 9/20/2002	INTRA-AORTIC RENAL DELIVERY CATHETER	PATENT
171.	7033347 10316545	4/25/2006 12/11/2002	ENDOVASCULAR LASER TREATMENT DEVICE	PATENT
172.	7001424 10379986	2/21/2006 3/5/2003	CONVERTIBLE BLOOD CLOT FILTER	PATENT
173.	6997914 10114343	2/14/2006 4/2/2002	IMPLANTABLE ACCESS PORT	PATENT
174.	6994706 10217749	2/7/2006 8/13/2002	APPARATUS AND METHOD FOR TREATMENT OF BENIGN PROSTATIC HYPERPLASIA	PATENT
175.	6994700 11084295	2/7/2006 3/18/2005	APPARATUS AND METHOD FOR INSERTING AN INTRA-AORTA CATHETER THROUGH A DELIVERY SHEATH	PATENT
176.	6986766 10172636	1/17/2006 6/14/2002	METHOD OF ENDOVENOUS LASER TREATMENT	PATENT
177.	6981971 10172633	1/3/2006 6/14/2002	MEDICAL LASER DEVICE	PATENT
178.	6966886 10331667	11/22/2005 12/27/2002	BLOOD TREATMENT CATHETER ASSEMBLY	PATENT

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179.	6958062 08963239	10/25/2005 11/3/1997	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD	PATENT
180.	6942635 10116299	9/13/2005 4/4/2002	BLOOD TREATMENT CATHETER AND METHOD	PATENT
181.	6932832 10382033	8/23/2005 3/5/2003	CONVERTIBLE BLOOD CLOT FILTER	PATENT
182.	6881218 10138152	4/19/2005 5/1/2002	BLOOD CLOT FILTER	PATENT
183.	6795728 10369020	9/21/2004 2/19/2003	APPARATUS AND METHOD FOR REDUCING SUBCUTANEOUS FAT DEPOSITS BY ELECTROPORATION	PATENT
184.	6770070 09527906	8/3/2004 3/17/2000	LUNG TREATMENT APPARATUS AND METHOD	PATENT
185.	6749598 09229390	6/15/2004 1/11/1999	APPARATUS AND METHODS FOR TREATING CONGESTIVE HEART DISEASE	PATENT
186.	6697670 10364187	2/24/2004 2/11/2003	APPARATUS AND METHOD FOR REDUCING SUBCUTANEOUS FAT DEPOSITS BY ELECTROPORATION WITH IMPROVED COMFORT OF PATIENTS	PATENT
187.	6689127 08577208	2/10/2004 12/22/1995	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD WITH MULTIPLE SENSOR FEEDBACK	PATENT
188.	6676633 10281285	1/13/2004 10/24/2002	INTRAVASCULAR ADMINISTRATION SET NEEDLE SAFETY DEVICE	PATENT
189.	6663624 09364203	12/16/2003 7/30/1999	RF TREATMENT APPARATUS	PATENT
190.	6660002 09502430	12/9/2003 2/11/2000	RF TREATMENT APPARATUS	PATENT
191.	6652516 09443946	11/25/2003 11/19/1999	CELL NECROSIS APPARATUS	PATENT
192.	6641580 09513725	11/4/2003 2/24/2000	INFUSION ARRAY ABLATION APPARATUS	PATENT
193.	6632222 09512985	10/14/2003 2/24/2000	TISSUE ABLATION APPARATUS	PATENT
194.	6632221 09512744	10/14/2003 2/24/2000	METHOD OF CREATING A LESION IN TISSUE WITH INFUSION	PATENT

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195.	6616651 09715988	9/9/2003 11/17/2000	INTRAVASCULAR MICROCATHETER WITH EMBEDDED HELICAL COIL REINFORCEMENT MEMBER AND METHODS AND APPARATUS FOR MAKING SAME	PATENT
196.	6582447 09693412	6/24/2003 10/20/2000	CONVERTIBLE BLOOD CLOT FILTER	PATENT
197.	6569159 09513727	5/27/2003 2/24/2000	CELL NECROSIS APPARATUS	PATENT
198.	6551311 09758326	4/22/2003 1/10/2001	CELL NECROSIS APPARATUS AND METHOD	PATENT
199.	6524300 09738759	2/25/2003 12/15/2000	INFUSION CATHETER WITH NON- UNIFORM DRUG DELIVERY DENSITY	PATENT
200.	6500175 09488336	12/31/2002 1/20/2000	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD WITH COOLING ELEMENT	PATENT
201.	6471698 09383166	10/29/2002 8/25/1999	MULTIPLE ELECTRODE ABLATION APPARATUS	PATENT
202.	6330478 09148529	12/11/2001 9/4/1998	CELL NECROSIS APPARATUS	PATENT
203.	6283950 09095640	9/4/2001 6/11/1998	CATHETER ASSEMBLY WITH OCCLUDING WIRE	PATENT
204.	6235023 09148571	5/22/2001 9/4/1998	CELL NECROSIS APPARATUS	PATENT
205.	6146354 08653447	11/14/2000 5/24/1996	AN ASYMMETRICAL MULTI-LUMEN APHERESIS CATHETER WITH BALANCED [SIC] FLOW RATES	PATENT
206.	6132425 09020182	10/17/2000 2/6/1998	CELL NECROSIS APPARATUS	PATENT
207.	6090105 08971415	7/18/2000 11/17/1997	MULTIPLE ELECTRODE ABLATION APPARATUS AND METHOD	PATENT
208.	6080150 09028436	6/27/2000 2/24/1998	CELL NECROSIS APPARATUS	PATENT
209.	6071280 08802195	6/6/2000 2/14/1997	MULTIPLE ELECTRODE ABLATION APPARATUS	PATENT

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210.	6059825 08081984	5/9/2000 6/23/1993	CLOT FILTER	PATENT
211.	6059780 08964034	5/9/2000 11/4/1997	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD WITH COOLING ELEMENT	PATENT
212.	6053937 08963997	4/25/2000 11/4/1997	MULTIPLE ELECTRODE ABLATION APPARATUS AND METHOD WITH COOLING ELEMENT	PATENT
213.	5980517 09047845	11/9/1999 3/25/1998	CELL NECROSIS APPARATUS	PATENT
214.	5951547 08963035	9/14/1999 11/3/1997	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD	PATENT
215.	5951512 08653880	9/14/1999 5/28/1996	INFUSION PORT WITH MODIFIED DRUG RESERVOIR	PATENT
216.	5935123 08623652	8/10/1999 3/29/1996	TREATMENT APPARATUS	PATENT
217.	5928229 08961325	7/27/1999 10/30/1997	TUMOR ABLATION APPARATUS	PATENT
218.	5925042 08963375	7/20/1999 11/3/1997	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD	PATENT
219.	5913855 08963502	6/22/1999 11/3/1997	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD	PATENT
220.	5863290 08574618	1/26/1999 12/19/1995	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD	PATENT
221.	5833662 08374976	11/10/1998 1/19/1995	HEMOSTASIS CANNULA SYSTEM	PATENT
222.	5810804 08616928	9/22/1998 3/15/1996	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD WITH COOLING ELEMENT	PATENT
223.	5800484 08707250	9/1/1998 9/3/1996	MULTIPLE ANTENNA ABLATION APPARATUS WITH EXPANDED ELECTRODES	PATENT
224.	5782827 08575208	7/21/1998 12/19/1995	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD WITH MULTIPLE SENSOR FEEDBACK	PATENT
225.	5735847 08576435	4/7/1998 12/19/1995	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD WITH COOLING ELEMENT	PATENT

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226.	5728143 08605323	3/17/1998 2/14/1996	MULTIPLE ANTENNA ABLATION AND APPARATUS AND METHOD	PATENT
227.	5690643 08603267	11/25/1997 2/20/1996	STENT DELIVERY SYSTEM	PATENT
228.	5683384 08515379	11/4/1997 8/15/1995	MULTIPLE ANTENNA ABLATION APPARATUS	PATENT
229.	5672174 08585532	9/30/1997 1/16/1996	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD	PATENT
230.	5672173 08576436	9/30/1997 12/19/1995	MULTIPLE ANTENNA ABLATION APPARATUS AND METHOD	PATENT
231.	5651776 08408217	7/29/1997 3/22/1995	LUER-TYPE CONNECTOR	PATENT
232.	5643278 08418087	7/1/1997 4/6/1995	STENT DELIVERY SYSTEM	PATENT
233.	5643227 08374919	7/1/1997 1/19/1995	HEMOSTASIS CANNULA VALVE APPARATUS AND METHOD OF USING SAME	PATENT
234.	5599346 08295200	2/4/1997 8/24/1994	RF TREATMENT SYSTEM	PATENT
235.	5599345 08295166	2/4/1997 8/24/1994	RF TREATMENT APPARATUS	PATENT
236.	5536267 08290031	7/16/1996 8/12/1994	MULTIPLE ELECTRODE ABLATION APPARATUS	PATENT
237.	5536261 08299759	7/16/1996 9/1/1994	METHOD AND CLOSED TIP EFFECT CATHETER APPARATUS FOR USE IN ANGIOGRAPY	PATENT
238.	5507743 08291424	4/16/1996 8/16/1994	COILED RF ELECTRODE TREATMENT APPARATUS	PATENT
239.	5472441 08208676	12/5/1995 3/11/1994	DEVICE FOR TREATING CANCER AND NON- MALIGNANT TUMORS AND METHODS	PATENT
240.	5463534 08194109	10/31/1995 3/24/1994	HIGH POWER LIGHT SOURCE	PATENT
241.	5458597 08148439	10/17/1995 11/8/1993	DEVICE FOR TREATING CANCER AND NON- MALIGNANT TUMORS AND METHODS	PATENT

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242.	5439449 08231276	8/8/1995 4/22/1994	FLOW VISUALIZATION NEEDLE SYSTEM	PATENT
243.	5419340 08144202	5/30/1995 10/27/1993	GUIDABLE CATHETER ASSEMBLY USING COATED DEFLECTOR WIRE AND METHOD OF USING SAME	PATENT
244.	D677798 29425527	3/12/2013 6/25/2012	MEDICAL DEVICE PACKAGE TRAY	DESIGN PATENT
245.	D650475 29328079	12/13/2011 11/18/2008	IMPLANTABLE PORT	DESIGN PATENT
246.	D644735 29332808	9/6/2011 2/26/2009	PORT POCKET CREATION TOOL	DESIGN PATENT
247.	D640788 29376091	6/28/2011 10/1/2010	DIALYSIS CATHETER TIP	DESIGN PATENT
248.	D631154 29338393	1/18/2011 6/10/2009	PROBE HANDLE TIP	DESIGN PATENT
249.	D630321 29338391	1/4/2011 6/10/2009	PROBE HANDLE	DESIGN PATENT
250.	D626231 29355153	10/26/2010 2/3/2010	SURGICAL BUTTON	DESIGN PATENT
251.	D603044 29329418	10/27/2009 12/15/2008	CATHETER TIP	DESIGN PATENT
252.	D595892 29284976	7/7/2009 9/19/2007	SCALLOPED IMPLANTABLE INJECTABLE PORT	DESIGN PATENT
253.	RE 43009 12572005	12/6/2011 10/1/2009	APPARATUS AND METHOD FOR REDUCING SUBCUTANEOUS FAT DEPOSITS BY ELECTROPORATION	PATENT
254.	RE 42835 12571974	10/11/2011 10/1/2009	APPARATUS AND METHOD FOR REDUCING SUBCUTANEOUS FAT DEPOSITS BY ELECTROPORATION WITH IMPROVED COMFORTS FOR PATIENTS	PATENT

NO.	PATENT NO./ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
255.	RE 42277 12571927	4/5/2011 10/1/2009	APPARATUS AND METHOD FOR REDUCING SUBCUTANEOUS FAT DEPOSITS, VIRTUAL FACE LIFT AND BODY SCULPTURING BY ELECTROPORATION	PATENT
256.	RE 42016 12572047	12/28/2010 10/1/2009	APPARATUS AND METHOD FOR THE TREATMENT OF BENIGN PROSTATIC HYPERPLASIA	PATENT
257.	29410449		DIALYSIS CATHETER TIP	FILED
258.	20120323220 13162426	12/20/2012 6/16/2011	ENDOLUMINAL DRUG DELIVERY DEVICES AND METHODS	PUBLISHED
259.	8518011		SHEATH FOR USE IN PERIPHERAL INTERVENTIONS	

Confirmatory Grant of Security Interest in United States Trademarks dated as of September 19, 2013, by Navilyst Medical, Inc. in favor of Administrative Agent, was recorded with the U.S. Patent and Trademark Office on September 30, 2013 at Reel/Frame No. 5120/0304.

NO.	MARK	SERIAL NO.	DATE FILED	REG. NO.	DATE REG.	STATUS
1.	NAVILYST MEDICAL <i>and Design</i> 	85054172	6/3/2010	3907588	1/18/2011	REGISTERED
2.	VAXCEL	78387758	3/19/2004	3319458	10/23/2007	REGISTERED
3.	FLEXCIL	78022450	8/22/2000	2554145	3/26/2002	RENEWED
4.	ANGIO-SAC	78022449	8/22/2000	2562580	4/16/2002	RENEWED
5.	EMBARC	77884221	12/2/2009	4286438	2/5/2013	PENDING
6.	EXODUS	77756659	6/10/2009	3861731	10/12/2010	REGISTERED
7.	NAVILYST MEDICAL	77498811	6/13/2008	3719467	12/1/2009	REGISTERED
8.	XCELA	77082290	1/12/2007	3363005	1/1/2008	REGISTERED
9.	PROTECTION STATION	76055495	5/24/2000	2560125	4/9/2002	RENEWED
10.	PERCEPTOR	75922307	2/18/2000	2636239	10/15/2002	REGISTERED
11.	VAXCEL	75592102	8/20/1998	2669464	12/31/2002	REGISTERED
12.	SQUEEZE CONTRAST CONTROLLER	75404694	12/12/1997	2698997	3/25/2003	REGISTERED
13.	PASV	75368474	10/6/1997	2257956	6/29/1999	RENEWED
14.	SOSA	73301681	3/18/1981	1254062	10/11/1983	RENEWED
15.	MORSE	73092552	7/6/1976	1118156	5/15/1979	RENEWED
16.	NAMIC	73092551	7/6/1976	1062155	3/29/1977	RENEWED

Confirmatory Grant of Security Interest in United States Patents dated as of September 19, 2013, by Navilyst Medical, Inc. in favor of Administrative Agent, was recorded with the U.S. Patent and Trademark Office on September 30, 2013 at Reel/Frame No. 031315/0594.

NO.	PATENT NO./ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
1.	13566386	8/3/2012	PRESSURE ACTIVATED VALVE FOR HIGH FLOW RATE AND PRESSURE VENOUS ACCESS APPLICATIONS	FILED
2.	20130096514 13275894	4/18/2013 10/18/2011	HIGH FLOW CATHETER VALVE	PUBLISHED
3.	20120271247 13097215	10/25/2012 4/29/2011	PRESSURE ACTUATED VALVE WITH IMPROVED SLIT CONFIGURATION	PUBLISHED
4.	20120259291 13080926	10/11/2012 4/6/2011	MEDICAL FLOW DEVICE FOR MULTI-LUMEN CATHETERS	PUBLISHED
5.	20120256114 13082569	10/11/2012 4/8/2011	POWER INJECTABLE VALVE DESIGNS	PUBLISHED
6.	20120245563 13053428	9/27/2012 3/22/2011	HIGH FLOW CATHETERS	PUBLISHED
7.	20120232496 13474004	9/13/2012 5/17/2012	HIGH FLOW CATHETERS	PUBLISHED
8.	8454574 13459846	6/4/2013 4/30/2012	PRESSURE ACTIVATED SAFETY VALVE WITH GROOVED MEMBRANE	ISSUED
9.	8523821 13303551	9/3/2013 11/23/2011	POWER INJECTION VALVE	ISSUED
10.	20120130319 13297888	5/24/2012 11/16/2011	VALVED CATHETERS INCLUDING HIGH FLOW RATE CATHETERS	PUBLISHED
11.	8377011 13222277	2/19/2013 8/31/2011	PRESSURE ACTIVATED VALVE WITH HIGH FLOR SLIT	ISSUED
12.	20110313367 13165286	12/22/2011 6/21/2011	PRESSURE RESPONSIVE SLIT VALVE ASSEMBLY FOR A PLURALITY OF FLUIDS AND USES THEREOF	PUBLISHED
13.	20110264054 13176054	10/27/2011 7/5/2011	METHOD TO SECURE AN ELASTIC COMPONENT IN A VALVE	PUBLISHED
14.	8328760 12685033	12/11/2012 1/11/2010	OCCLUSION RESISTANT CATHETER	ISSUED

NO.	PATENT NO/ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
15.	8496644 12641265	7/30/2013 12/17/2009	DRAINAGE CATHETER TIP SHAPE CONFIGURATION	ISSUED
16.	20110087093 12576927	4/14/2011 10/9/2009	VALVE CONFIGURATIONS FOR IMPLANTABLE MEDICAL DEVICES	PUBLISHED
17.	20110071500 12563621	3/24/2011 9/21/2009	BRANCHED CATHETER TIP	PUBLISHED
18.	8337470 12361240	12/25/2012 1/28/2009	THREE-WAY VALVE FOR POWER INJECTION IN VASCULAR ACCESS DEVICES	ISSUED
19.	8257321 12124589	9/4/2012 5/21/2008	PRESSURE ACTIVATED VALVE FOR HIGH FLOW RATE AND PRESSURE VENOUS ACCESS APPLICATIONS	ISSUED
20.	8337451 12254532	12/25/2012 10/20/2008	RECIRCULATION MINIMIZING CATHETER	PUBLISHED
21.	20090157045 12372344	6/18/2009 2/17/2009	GUIDEWIRE COMPATIBLE PORT AND METHOD FOR INSERTING THE SAME	PUBLISHED
22.	20090043261 12250920	2/12/2009 10/14/2008	PRESSURE ACTUATED VALVE WITH IMPROVED BIASING MEMBER	PUBLISHED
23.	20090012481 12166962	1/8/2009 7/2/2008	HIGH FLOW RATE DIALYSIS CATHETERS AND RELATED METHODS	PUBLISHED
24.	20070173777 11339217	7/26/2007 1/25/2006	VALVED CATHETER WITH POWER INJECTION BYPASS	PUBLISHED
25.	8328768 11057286	12/11/2012 2/11/2005	PRESSURE ACTIVATED SAFETY VALVE WITH IMPROVED FLOW CHARACTERISTICS AND DURABILITY	ISSUED
26.	8277425 10807590	10/2/2012 3/24/2004	DUAL LUMEN PORT WITH F- SHAPED CONNECTOR	ISSUED
27.	20050171510 10768855	8/4/2005 1/29/2004	PRESSURE ACTUATED SAFETY VALVE WITH SPIRAL FLOW MEMBRANE	PUBLISHED
28.	8267915 10768479	9/18/2012 1/29/2004	DUAL WELL PORT DEVICE	ISSUED

NO.	PATENT NO/ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
29.	20050171490 10768629	8/4/2005 1/29/2004	STACKED MEMBRANE FOR PRESSURE ACTUATED VALVE	PUBLISHED
30.	20050165364 10762715	7/28/2005 1/22/2004	VALVED CATHETER TO BYPASS CONNECTOR	PUBLISHED
31.	8366687 10752257	2/5/2013 1/6/2004	INJECTION ACCESS PORT WITH CHAMFERED TOP HAT SEPTUM DESIGN	ISSUED
32.	20040078004 10277215	4/22/2004 10/21/2002	IMPLANTABLE MEDICAL DEVICE FOR IMPROVED PLACEMENT AND ADHERENCE IN THE BODY	PUBLISHED
33.	8187234 10768571	5/29/2012 1/29/2004	PRESSURE ACTIVATED SAFETY VALVE WITH ANTI- ADHERENT COATING	PATENT
34.	8083721 12362004	12/27/2011 1/29/2009	POWER INJECTION VALVE	PATENT
35.	8079987 11765956	12/20/2011 6/20/2007	VALVED CATHETERS INCLUDING HIGH FLOW RATE CATHETERS	PATENT
36.	8075536 12207205	12/13/2011 9/9/2008	POWER INJECTABLE PORT IDENTIFICATION	PATENT
37.	8034035 10768565	10/11/2011 1/29/2004	PRESSURE ACTIVATED SAFETY VALVE WITH HIGH FLOW SLIT	PATENT
38.	8007468 12501809	8/30/2011 7/13/2009	METHOD TO SECURE AN ELASTIC COMPONENT IN A VALVE	PATENT
39.	7993327 11834101	8/9/2011 8/6/2007	MULTI-SLIT HIGH FLOW VALVE	PATENT
40.	7988679 10390854	8/2/2011 3/18/2003	PRESSURE RESPONSIVE SLIT VALVE ASSEMBLY FOR A PLURALITY OF FLUIDS AND USES THEREOF	PATENT
41.	7951121 10630885	5/31/2011 7/30/2003	PRESSURE ACTUATED VALVE WITH IMPROVED SLIT CONFIGURATION	PATENT
42.	7824365 10852247	11/2/2010 5/24/2004	PERCUTANEOUS ACCESS	PATENT
43.	7806876 11748749	10/5/2010 5/15/2007	IMPLANTABLE VASCULAR ACCESS DEVICE	PATENT

NO.	PATENT NO/ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
44.	7766859 12029807	8/3/2010 2/12/2008	SELF-OCCLUDING CATHETER	PATENT
45.	7722580 11265714	5/25/2010 11/2/2005	PRECUTANEOUS ACCESS PORT	PATENT
46.	7513892 09690473	4/7/2009 10/18/2000	GUIDEWIRE COMPATIBLE PORT AND METHOD FOR INSERTING SAME	PATENT
47.	7513890 10430716	4/7/2009 5/6/2003	FLUID MANIFOLD CONTROL DEVICE	PATENT
48.	7473240 10634475	1/6/2009 8/4/2003	VALVE PORT ASSEMBLY WITH COINCIDENT ENGAGEMENT MEMBER FOR FLUID TRANSFER PROCEDURES	PATENT
49.	7435236 10608660	10/14/2008 6/27/2003	PRESSURE ACTUATED VALVE WITH IMPROVED BIASING MEMBER	PATENT
50.	7410602 10420277	8/12/2008 4/22/2003	HIGH FLOW RATE DIALYSIS CATHETERS AND RELATED METHODS	PATENT
51.	7329234 09764659	2/12/2008 1/17/2001	SELF-OCCLUDING CATHETER	PATENT
52.	7267667 10193376	9/11/2007 7/11/2002	FLUID MANAGEMENT SYSTEM FOR CORONARY INTERVENTION	PATENT
53.	7276043 10059925	10/2/2007 1/29/2002	OCCLUSION-RESISTANT CATHETER	PATENT
54.	7258681 10262924	8/21/2007 10/2/2002	ANGIOGRAPHIC FLUID CONTROL SYSTEM	PATENT
55.	7252652 10651535	8/7/2007 8/29/2003	VALVED CATHETERS INCLUDING HIGH FLOW RATE CATHETERS	PATENT
56.	7252649 10342913	8/7/2007 1/15/2003	IMPLANTABLE VASCULAR ACCESS DEVICE	PATENT
57.	7172572 10375658	2/6/2007 2/26/2003	MANIFOLD SYSTEM FOR A MEDICAL DEVICE	PATENT
58.	7097690 10684215	8/29/2006 10/10/2003	APPARATUS AND METHOD FOR REMOVING GASSES FROM A LIQUID	PATENT

NO.	PATENT NO/ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
59.	7044933 09796779	5/16/2006 3/1/2001	FLUID INJECTION SYSTEM FOR CORONARY INTERVENTION	PATENT
60.	7033335 10462758	4/25/2006 6/17/2003	GUIDEWIRE COMPATIBLE PORT AND METHOD FOR INSERTING SAME	PATENT
61.	6986742 11122723	1/17/2006 5/5/2005	PRESSURE TRANSDUCER PROTECTION VALVE	PATENT
62.	6976974 10278663	12/20/2005 10/23/2002	ROTARY MANIFOLD SYRINGE	PATENT
63.	6896002 09934242	5/24/2005 8/21/2001	PRESSURE TRANSDUCER PROTECTION VALVE	PATENT
64.	6758841 10462464	7/6/2004 6/16/2003	PERCUTANEOUS ACCESS	PATENT
65.	6723075 10186834	4/20/2004 7/1/2002	MEDICAL FLUID INFUSION AND ASPIRATION	PATENT
66.	6699232 09797473	3/2/2004 3/1/2001	FLUID INJECTION APPARATUS WITH IMPROVED CONTRAST VISUALIZATION	PATENT
67.	6620124 09453999	9/16/2003 12/3/1999	VALVE PORT ASSEMBLY WITH COINCIDENT ENGAGEMENT MEMBER FOR FLUID TRANSFER PROCEDURES	PATENT
68.	6613013 09231075	9/2/2003 1/14/1999	GUIDEWIRE COMPATIBLE PORT AND METHOD FOR INSERTING SAME	PATENT
69.	6607504 09896822	8/19/2003 6/29/2001	PERCUTANEOUS ACCESS	PATENT
70.	6595966 09859090	7/22/2003 5/16/2001	HIGH FLOW RATE DIALYSIS CATHETERS AND RELATED METHODS	PATENT
71.	6540717 09957619	4/1/2003 9/20/2001	IMPLANTABLE VASCULAR ACCESS DEVICE	PATENT
72.	6520937 09739403	2/18/2003 12/18/2000	FLUID INJECTOR DEVICE	PATENT
73.	6478783 09579944	11/12/2002 5/26/2000	ANTI-SLUDGE MEDICATION PORTS AND RELATED METHODS	PATENT

NO.	PATENT NO/ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
74.	6458103 09425466	10/1/2002 10/22/1999	AXIALLY ACTIVATED HEMOSTASIS VALVE WITH LUMEN SIZE SELECTION	PATENT
75.	6436077 09633543	8/20/2002 8/7/2000	MEDICAL FLUID INFUSION AND ASPIRATION	PATENT
76.	6280423 09256421	8/28/2001 2/23/1999	HIGH FLOW RATE DIALYSIS CATHETERS AND RELATED METHODS	PATENT
77.	6190352 08941919	2/20/2001 10/1/1997	GUIDEWIRE COMPATIBLE PORT AND METHOD FOR INSERTING SAME	PATENT
78.	6179806 09368611	1/30/2001 8/5/1999	SELF-OCCLUDING CATHETER	PATENT
79.	6120483 09272709	9/19/2000 3/19/1999	MEDICAL FLUID INFUSION AND ASPIRATION	PATENT
80.	6074367 09163152	6/13/2000 9/29/1998	PREINSERTION MEASUREMENT OF CATHETERS	PATENT
81.	5984902 09039620	11/16/1999 3/16/1998	OUTDWELLING SLIT VALVE AND VARIABLE CONTROL FOR CONTROLLING OPENING AND CLOSING THE SLIT	PATENT
82.	5911708 09057378	6/15/1999 4/8/1998	METHOD AND APPARATUS FOR UNINTERRUPTED DELIVERY OF RADIOGRAPHIC DYE	PATENT
83.	5843044 08876374	12/1/1998 6/16/1997	OUTDWELLING SLIT VALVE AND VARIABLE CONTROL FOR CONTROLLING OPENING AND CLOSING THE SLIT	PATENT
84.	5779666 08661374	7/14/1998 6/11/1996	METHOD AND APPARATUS FOR UNINTERRUPTED DELIVERY OF RADIOGRAPHIC DYE	PATENT
85.	5691478 08478300	11/25/1997 6/7/1995	DEVICE AND METHOD FOR REMOTE ZEROING OF A BIOLOGICAL FLUID PRESSURE MEASUREMENT DEVICE	PATENT
86.	5575779 08366692	11/19/1996 12/30/1994	LIQUID REGULATOR AND METHOD OF USE	PATENT

NO.	PATENT NO/ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:	STATUS
87.	5533978 08336252	7/9/1996 11/7/1994	METHOD AND APPARATUS FOR UNINTERRUPTED DELIVERY OF RADIOGRAPHIC DYE	PATENT
88.	5486161 08148441	1/23/1996 11/8/1993	MEDICAL PROBE DEVICE AND METHOD	PATENT

Confirmatory Grant of Security Interest in United States Patents dated as of May 22, 2012, by Navilyst Medical, Inc. in favor of Administrative Agent, was recorded with the U.S. Patent and Trademark Office on May 23, 2012 at Reel/Frame No. 028260/0176.

No.	PATENT NO./ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:
1.	5201722	04/13/1993	TWO-WAY OUTDWELLING SLIT VALVING OF MEDICAL LIQUID FLOW THROUGH A CANNULA AND METHODS
2.	5169393	12/08/1992	TWO-WAY OUTDWELLING SLIT VALVING OF MEDICAL LIQUID FLOW THROUGH A CANNULA AND METHODS
3.	5356375	10/18/1994	POSITIVE PRESSURE FLUID DELIVERY AND WASTE REMOVAL SYSTEM
4.	5205834	04/27/1993	TWO-WAY OUTDWELLING SLIT VALVING OF MEDICAL LIQUID FLOW THROUGH A CANNULA AND METHODS
5.	5328463	07/12/1994	CONTRAST MEDIA AND FLUID INTRODUCTION SYSTEM
6.	5533978	07/09/1996	METHOD AND APPARATUS FOR UNINTERRUPTED DELIVERY OF RADIOGRAPHIC DYE
7.	5575779	11/19/1996	LIQUID REGULATOR AND METHOD OF USE
8.	5691478	11/25/1997	DEVICE AND METHOD FOR REMOTE ZEROING OF A BIOLOGICAL FLUID PRESSURE MEASUREMENT DEVICE
9.	5779666	07/14/1998	METHOD AND APPARATUS FOR UNINTERRUPTED DELIVERY OF RADIOGRAPHIC DYE
10.	5843044	12/01/1998	OUTDWELLING SLIT VALVE AND VARIABLE CONTROL FOR CONTROLLING OPENING AND CLOSING THE SLIT
11.	6190352	02/20/2001	GUIDEWIRE COMPATIBLE PORT AND METHOD FOR INSERTING SAME
12.	5984902	11/16/1999	OUTDWELLING SLIT VALVE AND VARIABLE CONTROL FOR CONTROLLING OPENING AND CLOSING THE SLIT
13.	5911708	06/15/1999	METHOD AND APPARATUS FOR UNINTERRUPTED DELIVERY OF RADIOGRAPHIC DYE

No.	PATENT NO./ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:
14.	6074367	06/13/2000	PREINSERTION MEASUREMENT OF CATHETERS
15.	6613013	09/02/2003	GUIDEWIRE COMPATIBLE PORT AND METHOD FOR INSERTING SAME
16.	6280423	08/28/2001	HIGH FLOW RATE DIALYSIS CATHETERS AND RELATED METHODS
17.	6120483	09/19/2000	MEDICAL FLUID INFUSION AND ASPIRATION
18.	6179806	01/30/2001	SELF-OCCLUDING CATHETER
19.	6319226	11/20/2001	IMPLANTABLE VASCULAR ACCESS DEVICE
20.	6458103	10/01/2002	AXIALLY ACTIVATED HEMOSTASIS VALVE WITH LUMEN SIZE SELECTION
21.	6620124	9/16/2003	VALVE PORT ASSEMBLY WITH COINCIDENT ENGAGEMENT MEMBER FOR FLUID TRANSFER PROCEDURES
22.	6478783	11/12/2002	ANTI-SLUDGE MEDICATION PORTS AND RELATED METHODS
23.	6436077	08/20/2002	MEDICAL FLUID INFUSION AND ASPIRATION
24.	7513892	04/07/2009	GUIDEWIRE COMPATIBLE PORT AND METHOD FOR INSERTING SAME
25.	6520937	02/18/2003	FLUID INJECTION DEVICE
26.	7329234	02/12/2008	SELF-OCCLUDING CATHETER
27.	7044933	05/16/2006	FLUID INJECTION SYSTEM FOR CORONARY INTERVENTION
28.	6699232	03/02/2004	FLUID INJECTION APPARATUS WITH IMPROVED CONTRAST VISUALIZATION
29.	6595966	07/22/2003	HIGH FLOW RATE DIALYSIS CATHETERS AND RELATED METHODS
30.	6607504	08/19/2003	PERCUTANEOUS ACCESS
31.	6896002	05/24/2005	PRESSURE TRANSDUCER PROTECTION VALVE
32.	6540717	04/01/2003	IMPLANTABLE VASCULAR ACCESS DEVICE
33.	7276043	10/02/2007	OCCLUSION-RESISTANT CATHETER
34.	6723075	04/20/2004	MEDICAL FLUID INFUSION AND ASPIRATION

No.	PATENT NO./ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:
35.	7267667	09/11/2007	FLUID MANAGEMENT SYSTEM FOR CORONARY INTERVENTION
36.	7258681	08/21/2007	ANGIOGRAPHIC FLUID CONTROL SYSTEM
37.	6918893	07/19/2005	MULTIPLE PORT FLUID CONTROL VALVES
38.	8574204	11/05/2013	Title: IMPLANTABLE MEDICAL DEVICE FOR IMPROVED PLACEMENT AND ADHERENCE IN THE BODY
39.	6976974	12/20/2005	Title: ROTARY MANIFOLD SYRINGE
40.	7252649	08/07/2007	IMPLANTABLE VASCULAR ACCESS DEVICE
41.	7172572	02/06/2007	MANIFOLD SYSTEM FOR A MEDICAL DEVICE
42.	7988679	08/02/2011	PRESSURE RESPONSIVE SLIT VALVE ASSEMBLY FOR A PLURALITY OF FLUIDS AND USES THEREOF
43.	7410602	08/12/2008	HIGH FLOW RATE DIALYSIS CATHETERS AND RELATED METHODS
44.	7513890	04/07/2009	FLUID MANIFOLD CONTROL DEVICE
45.	6758841	07/06/2004	PERCUTANEOUS ACCESS
46.	7033335	04/25/2006	GUIDEWIRE COMPATIBLE PORT AND METHOD FOR INSERTING SAME
47.	7435236	10/14/2008	PRESSURE ACTUATED VALVE WITH IMPROVED BIASING MEMBER
48.	7951121	05/31/2011	PRESSURE ACTUATED VALVE WITH IMPROVED SLIT CONFIGURATION
49.	7473240	01/06/2009	VALVE PORT ASSEMBLY WITH COINCIDENT ENGAGEMENT MEMBER FOR FLUID TRANSFER PROCEDURES
50.	7252652	08/07/2007	VALVED CATHETERS INCLUDING HIGH FLOW RATE CATHETERS
51.	7097690	08/29/2006	APPARATUS AND METHOD FOR REMOVING GASSES FROM A LIQUID

No.	PATENT NO./ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:
52.	8366687	02/05/2013	INJECTION ACCESS PORT WITH CHAMFERED TOP HAT SEPTUM DESIGN
53.	10762715	01/22/2004	Valved catheter to bypass connector
54.	8267915	09/18/2012	DUAL WELL PORT DEVICE
55.	8034035	10/11/2011	PRESSURE ACTIVATED SAFETY VALVE WITH HIGH FLOW SLIT
56.	8187234	05/29/2012	PRESSURE ACTIVATED SAFETY VALVE WITH ANTI-ADHERENT COATING
57.	10768629	01/29/2004	Stacked membrane for pressure actuated valve
58.	10768855	01/29/2004	Pressure actuated safety valve with spiral flow membrane
59.	8277425	10/02/2012	DUAL LUMEN PORT WITH F-SHAPED CONNECTOR
60.	7824365	11/02/2010	PERCUTANEOUS ACCESS
61.	7644834	01/12/2010	SPLASH MINIMIZING LID FOR LIQUID WASTE RECEPTACLE
62.	8328768	12/11/2012	PRESSURE ACTIVATED SAFETY VALVE WITH IMPROVED FLOW CHARACTERISTICS AND DURABILITY
63.	6986742	01/17/2006	PRESSURE TRANSDUCER PROTECTION VALVE
64.	7722580	05/25/2010	PERCUTANEOUS ACCESS PORT
65.	8585660	11/19/2013	VALVED CATHETER WITH POWER INJECTION BYPASS
66.	7806876	10/05/2010	IMPLANTABLE VASCULAR ACCESS DEVICE
67.	8079987	12/20/2011	VALVED CATHETERS INCLUDING HIGH FLOW RATE CATHETERS
68.	7993327	08/09/2011	MULTI-SLIT HIGH FLOW VALVE
69.	11895192	08/23/2007	Polycarbonate polyurethane venous access devices
70.	7766859	08/03/2010	SELF-OCCLUDING CATHETER
71.	8257321	09/04/2012	PRESSURE ACTIVATED VALVE FOR HIGH FLOW RATE AND PRESSURE VENOUS ACCESS APPLICATIONS
72.	8540663	09/24/2013	High Flow Rate Dialysis Catheters and Related Methods
73.	8075536	12/13/2011	POWER INJECTABLE PORT IDENTIFICATION
74.	12238094	09/25/2008	Invisible Power Port ID Tattoo

No.	PATENT NO./ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:
75.	8529523	09/10/2013	PRESSURE ACTUATED VALVE WITH IMPROVED BIASING MEMBER
76.	8337451	12/25/2012	RECIRCULATION MINIMIZING CATHETER
77.	8337470	12/25/2012	THREE-WAY VALVE FOR POWER INJECTION IN VASCULAR ACCESS DEVICES
78.	8083721	12/27/2011	POWER INJECTION VALVE
79.	9033914	05/19/2015	GUIDEWIRE COMPATIBLE PORT AND METHOD FOR INSERTING THE SAME
80.	12418048	04/03/2009	Polycarbonate Polyurethane Venous Access Devices Having Enhanced Strength
81.	8007468	08/30/2011	METHOD TO SECURE AN ELASTIC COMPONENT IN A VALVE
82.	12550317	08/28/2009	MEDICAL DEVICE CONTAINING CATHETER ANCHORING FEATURE
83.	12554613	09/04/2009	Tipped Ribbon Integrated Guidewire
84.	12563621	09/21/2009	BRANCHED CATHETER TIP
85.	12576927	10/09/2009	VALVE CONFIGURATIONS FOR IMPLANTABLE MEDICAL DEVICES
86.	8801696	08/12/2014	CATHETER HUB ASSEMBLY
87.	12621193	11/18/2009	Valved Catheter with Integrated Pressure Measurement Capabilities
88.	8496644	07/30/2013	Drainage Catheter Tip Shape Configuration
89.	8328760	12/11/2012	OCCLUSION RESISTANT CATHETER
90.	12699714	02/03/2010	Title: Mechanical Advantage For Hub Linear Travel For A Drainage Catheter
91.	13009466	01/19/2011	MULTIPLE SEPTUM PORT
92.	13009659	01/19/2011	COAXIAL STIFFENER FOR DRAINAGE CATHETER
93.	13017916	01/31/2011	MEDICAL DEVICE AND PACKAGING INTERFACE
94.	13053386	03/22/2011	CATHETER WITH POROUS CUFF
95.	9050435	06/09/2015	HIGH FLOW CATHETERS
96.	13080926	04/06/2011	MEDICAL FLOW DEVICE FOR MULTI-LUMEN CATHETERS
97.	8726931	05/20/2014	POWER INJECTABLE VALVE DESIGNS

No.	PATENT NO./ PUBLICATION NO./ SERIAL NO.	DATE ISSUED/ DATE FILED	TITLE:
98.	13097215	04/29/2011	PRESSURE ACTUATED VALVE WITH IMPROVED SLIT CONFIGURATION
99.	8679074	03/25/2014	PRESSURE RESPONSIVE SLIT VALVE ASSEMBLY FOR A PLURALITY OF FLUIDS AND USES THEREOF
100.	13170511	06/28/2011	Multi-Slit High Flow Valve