PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Short-Form Patent Security Agreement

CONVEYING PARTY DATA

Name	Execution Date
TRIVASCULAR, INC.	10/12/2012

RECEIVING PARTY DATA

Name:	CAPITAL ROYALTY PARTNERS II L.P.
Street Address:	1000 Main Street, Suite 2500
City:	Houston
State/Country:	TEXAS
Postal Code:	77002

Name:	PARALLEL INVESTMENT OPPORTUNITIES PARTNERS II L.P.
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City:	Houston
State/Country:	TEXAS
Postal Code:	77002

PROPERTY NUMBERS Total: 73

Property Type	Number
Application Number:	12245620
Application Number:	11861739
Patent Number:	8226701
Patent Number:	6602280
Patent Number:	7066951
Patent Number:	7338518
Patent Number:	6733521
Patent Number:	6761733
Patent Number:	8224632
Application Number:	13523765

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Patent Number:	7840393
Patent Number:	7241276
Patent Number:	7901379
Patent Number:	8083789
Application Number:	11861828
Application Number:	12747499
Application Number:	13277117
Patent Number:	8066755
Application Number:	11941434
Application Number:	13649066
Application Number:	13024255
Application Number:	61620362
Application Number:	61621286
Application Number:	13297219
Patent Number:	7178978
Patent Number:	7708163
Patent Number:	7971751
Application Number:	13089960
Patent Number:	7147661
Patent Number:	7147660
Patent Number:	7766954
Application Number:	12491336
Application Number:	12566808
Patent Number:	8241346
Application Number:	13246651
Application Number:	12566104
Patent Number:	8167927
Application Number:	13245652
Patent Number:	8226708
Application Number:	13532887
Patent Number:	7090693
Application Number:	11429735
Patent Number:	7682475
Application Number:	12729182
Patent Number:	6395019

	7081129
Patent Number:	7615071
Application Number:	12566793
Patent Number:	6331191
Application Number:	61547421
Patent Number:	8216297
Application Number:	11031311
Patent Number:	7150758
Application Number:	11097718
Patent Number:	7803178
Patent Number:	8267989
Application Number:	12915636
Application Number:	12910281
Patent Number:	6776604
Patent Number:	7147455
Patent Number:	7125464
Patent Number:	7678217
Application Number:	12697504
Application Number:	61547470
Patent Number:	7632291
Application Number:	12628623
Application Number:	61621036
Application Number:	61621038
Application Number:	61619715
Application Number:	61660413
Application Number:	61660103
Application Number:	61660105
Application Number:	61711797

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	Tuan Dinh
Total Attachments: 8 source=PSA#page1.tif source=PSA#page2.tif source=PSA#page3.tif source=PSA#page4.tif source=PSA#page5.tif source=PSA#page6.tif source=PSA#page7.tif source=PSA#page8.tif	

EXECUTION VERSION

SHORT-FORM PATENT SECURITY AGREEMENT

WHEREAS, TRIVASCULAR, INC. (formerly known as TriVascular2, Inc. and Boston Scientific Santa Rosa Corp.) (the "Grantor") has applied for letters patent and has been granted letters patents in the United States Patent and Trademark Office, and is the owner of the patent applications and patents listed in the attached Schedule of Patents and Patent Applications associated therewith;

WHEREAS, the Grantor has contemporaneously with the execution of this Short-Form Patent Security Agreement entered into the Security Agreement dated as of October 12, 2012 (as modified from time to time, the "Security Agreement"), in which the Grantor has granted certain interests in favor of CAPITAL ROYALTY PARTNERS II L.P. and PARALLEL INVESTMENT OPPORTUNITIES PARTNERS II L.P. (together, with their successors and assigns, the "Secured Parties"); and

WHEREAS, pursuant to the Security Agreement, the Grantor has agreed with the Secured Parties to execute this Short-Form Patent Security Agreement;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Grantor hereby grants to the Secured Parties, to the extent provided in the Security Agreement (the terms and conditions of which are hereby incorporated herein), a security interest in all of its right, title and interest in, to and under all the patents and patent applications whether now owned or at any time hereafter acquired, of the Grantor issued by, or for which applications have been filed with, the United States Patent and Trademark Office, including the patents and applications on the attached Schedule of Patents and Patent Applications, and all related patents and applications thereto, including all reissuances, continuations, continuations-in-part, revisions, extensions, re-examinations thereof, any patents and patent applications claiming priority to said patents and patent applications or from which said patents and patent applications claim priority, and pending applications associated therewith, as collateral security for the prompt and complete payment and performance when due of all the Secured Obligations (as defined in the Security Agreement). Notwithstanding the foregoing, in the event of any conflict between this Short-Form Patent Security Agreement and the Security Agreement, the Security Agreement shall control.

Date: October 12, 2012

IN WITNESS WHEREOF, the party hereto has caused this Short-Form Patent Security Agreement to be duly executed and delivered as of the day and year first above written.

TRIVASCULAR, INC.

By: _____
Name: Michael R. Kramer
Title: Chief Financial Officer

[Signature Page to Short-Form Patent Security Agreement]

sf-3203106

SCHEDULE OF
PATENTS AND PATENT APPLICATIONS

SCHEDULE OF PATENTS AND PATENT APPLICATIONS

TITLE	APPLICATION / PATENT NO.	FILING DATE / ISSUE DATE
MODULAR VASCULAR GRAFT FOR LOW PROFILE PERCUTANEOUS DELIVERY	12/245,620	10/03/2008
APPARATUS FOR SECURING STENT BARBS	11/861,739	09/26/2007
STENT AND DELIVERY SYSTEM FOR DEPLOYMENT THEREOF	8,226,701	Issued 07/24/2012
DELIVERY SYSTEM AND METHOD FOR EXPANDABLE INTRACORPOREAL DEVICE	6,602,280	Issued 08/05/2003
DELIVERY SYSTEM AND METHOD FOR EXPANDABLE INTRACORPOREAL DEVICE	7,066,951	Issued 06/27/2006
DELIVERY SYSTEM AND METHOD FOR EXPANDABLE INTRACORPOREAL DEVICE	7,338,518	Issued 03/04/2008
DELIVERY SYSTEM AND METHOD FOR ENDOVASCULAR GRAFT	6,733,521	Issued 05/11/2004
DELIVERY SYSTEM AND METHOD FOR BIFURCATED ENDOVASCULAR GRAFT	6,761,733	Issued 07/13/2004
VIRTUAL PROTOTYPING AND TESTING FOR MEDICAL DEVICE DEVELOPMENT	8,224,632	Issued 7/17/2012
VIRTUAL PROTOTYPING AND TESTING FOR MEDICAL DEVICE DEVELOPMENT	13/523,765	06/14/2012
VIRTUAL PROTOTYPING AND TESTING FOR MEDICAL DEVICE DEVELOPMENT	7,840,393	Issued 11/23/2010
PASSIVE HEMOSTATIC SHEATH VALVE	7,241,276	Issued 07/10/2007
PASSIVE HEMOSTATIC SHEATH VALVE	7,901,379	Issued 03/08/2011
SECUREMENT ASSEMBLY AND METHOD FOR EXPANDABLE ENDOVASCULAR DEVICE	8,083,789	Issued 12/27/2011
ASYMMETRIC STENT APPARATUS AND METHOD	11/861,828	09/26/2007
HINGED ENDOVASCULAR DEVICE	12/747,499	09/07/2010
SYSTEM AND METHOD OF PIVOTED STENT DEPLOYMENT	13/277,117	10/19/2011
SYSTEM AND METHOD OF PIVOTED STENT DEPLOYMENT	8,066,755	Issued 11/29/2011
DELIVERY SYSTEM AND METHOD FOR BIFURCATED GRAFT	11/941,434	11/16/2007
IN VITRO TESTING OF ENDOVASCULAR DEVICE	13/649,066	10/10/2012
FILL TUBE MANIFOLD AND DELIVERY METHODS FOR ENDOVASCULAR GRAFT	13/024,255	02/09/2011

TITLE	APPLICATION / PATENT NO.	FILING DATE / ISSUE DATE
DURABLE STENT GRAFT WITH TAPERED STRUTS AND STABLE DELIVERY METHODS AND DEVICES	61/620,362	04/04/2012
DELIVERY CATHETER FOR ENDOVASCULAR DEVICE	61/621,286	04/06/2012
ADVANCED ENDOVASCULAR GRAFT AND DELIVERY SYSTEM	13/297,219	11/15/2011

TriVascular Inc. USA Portfolio With Hoffmann & Baron
(Effective October 10, 2012)

H&B Docket No.	Title	Appln. No.	Filing Date	Patent No.	Grant Date
1880-2	Fluid Mixing Apparatus and Method	10/658,074	09-08-2003	7,178,978	02-20-2007
1880-3	Constant Force Material Delivery System And Method	11/360,077	02-23-2006	7,708,163	05-04-2010
1880-3 CON	Constant Force Material Delivery System And Method	12/724,068	03-15-2010	7,971,751	07-05-2011
1880-4 RCE/CON	Non-Degradable, Low Swelling, Water Soluble Radiopaque Hydrogel Polymer	13/089,960	04-19-2011		
1880-5	Radially Expandable Stent	10/029,559	12-20-2001	7,147,661	12-12-2006
1880-5 CON/CIP	Advanced Endovascular Graft	10/327,711	12-20-2002	7,147,660	12-12-2006
1880-5 CON II	Advanced Endovascular Graft	11/333,595	01-17-2006	7,766,954	08-03-2010
1880-5 CON II/CON/RCE	Advanced Endovascular Graft	12/491,336	06-25-2009		
1880-5 CON II/A	Method Of Delivering Advanced Endovascular Graft	12/566,808	09-25-2009		
1880-5 CON II/A/CON	Advanced Endovascular Graft	13/246,643	09-27-2011	8,241,346	08-14-2012
1880-5 CON II/A/CON II/RCE	Advanced Endovascular Graft	13/246,651	09-27-2011		
1880-5 CON II/B/RCE	Advanced Endovascular Graft Delivery System And Method Of Treatment	12/566,104	09-24-2009		
1880-5 CON II/B/CON	Barbed Radially Expandable Stent	13/245,661	09-26-2011	8,167,927	05-01-2012
1880-5 CON II/B/CON II/RCE	Barbed Radially Expandable Stent With Slotted Struts	13/245,652	09-26-2011		
1880-6 PCT/US/RCE III	Inflatable Intraluminal Graft	10/168,053	06-14-2002	8,226,708	07-24-2012
1880-6 PCT/US/RCE III/CON	Inflatable Intraluminal Graft	13/532,887	06-26-2012		
1880-8	Endovascular Graft Joint and Method for Manufacture	10/029,584	12-20-2001	7,090,693	08-15-2006

TriVascular Inc. USA Portfolio With Hoffmann & Baron
(Effective October 10, 2012)

H&B Docket No.	Title	Appln. No.	Filing Date	Patent No.	Grant Date
1880-8 CON/RCE II	Endovascular Graft Joint and Method for Manufacture	11/429,735	05-08-2006		
1880-8 DIV/CON	Endovascular Graft Joint and Method for Manufacture	11/870,748	10-11-2007	7,682,475	03-23-2010
1880-8 DIV/CON/CON/RCE	Endovascular Graft Joint and Method for Manufacture	12/729,182	03-22-2010		
1880-9 CPA	Endovascular Graft	09/133,978	08-14-1998	6,395,019	05-28-2002
1880-9 CON/CON	Endovascular Graft	10/132,754	04-24-2002	7,081,129	07-25-2006
1880-9 CON/CON III	Endovascular Graft	11/390,732	03-28-2006	7,615,071	11-10-2009
1880-9 CON/CON IV	Endovascular Graft	12/566,793	09-25-2009		
1880-10	Layered Endovascular Graft	09/200,317	11-25-1998	6,331,191	12-18-2001
1880-11 P	Fenestrated Inflatable Graft	61/547,421	10-14-2011		
1880-12 RCE II	Dual Chamber Cuff Design	11/504,434	08-14-2006	8,216,297	07-10-2012
1880-14 RCE II	Methods, Compositions And Devices For Embolizing Body Lumens	11/031,311	01-07-2005		
1880-15 RCE	Kink Resistant Endovascular Graft	10/384,103	03-06-2003	7,150,758	12-19-2006
1880-16 RCE II	Hybrid Modular Endovascular Graft	11/097,718	04-01-2005		
1880-17 RCE III	Inflatable Porous Implants And Methods Of Drug Delivery	10/769,532	01-30-2004	7,803,178	09-28-2010
1880-17 RCE III/DIV	Inflatable Porous Implants And Methods For Drug Delivery	12/860,364	08-20-2010	8,267,989	09-18-2012
1880-18 CON II	PTFE Layers And Methods Of Manufacturing	12/915,636	10-29-2010		
1880-19 CON II	PTFE Layers And Methods Of Manufacturing	12/910,281	10-22-2010		
1880-20	Method And Apparatus For Shape Forming Endovascular Graft Material	10/029,570	12-20-2001	6,776,604	08-17-2004

TriVascular Inc. USA Portfolio With Hoffmann & Baron
(Effective October 10, 2012)

H&B Docket No.	Title	Appln. No.	Filing Date	Patent No.	Grant Date
1880-20 DIV	Method And Apparatus For Shape Forming Endovascular Graft Material	10/868,292	06-14-2004	7,147,455	12-12-2006
1880-21	Method And Apparatus For Manufacturing An Endovascular Graft Section	10/029,557	12-20-2001	7,125,464	10-24-2006
1880-21 DIV	Method And Apparatus For Manufacturing An Endovascular Graft Section	11/522,490	09-15-2006	7,678,217	03-16-2010
1880-21 DIV/DIV	Method And Apparatus For Manufacturing An Endovascular Graft Section	12/697,504	02-01-2010		
1880-25 P	Vascular Graft Having Limited End Structure	61/547,470	10-14-2011		
1880-26	Inflatable Implant	10/461,853	06-13-2003	7,632,291	12-15-2009
1880-26 DIV	Inflatable Implant	12/628,623	12-01-2009		
1880-29 P	Low Profile Stent Attachments	61/621,036	04-06-2012		
1880-29 P2	Low Profile Stent Attachments	61/621,038	04-06-2012		
1880-30 P	Advanced Kink Resistance Stent Graft	61/619,715	04-03-2012		
1880-42 P	Endovascular Delivery System With An Improved Radiopaque Marker Scheme	61/660,413	06-15-2012		
1880-43 P	Endovascular Delivery System With Flexible And Torqueable Hypotube	61/660,103	06-15-2012		
1880-44 P	Endovascular Graft Having Tethered Contralateral Leg	61/660,105	06-15-2012		
1880-45 P	Endovascular grafts for aneurysms involving major branch vessels	61/711,797	10-10-2012		