

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT8277671

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BOSTON SCIENTIFIC LIMITED	12/31/2019

RECEIVING PARTY DATA

Name:	BOSTON SCIENTIFIC MEDICAL DEVICE LIMITED
Street Address:	BALLYBRIT BUSINESS PARK
Internal Address:	CO. GALWAY
City:	GALWAY
State/Country:	IRELAND

PROPERTY NUMBERS Total: 215

Property Type	Number
Patent Number:	8257382
Patent Number:	8257383
Patent Number:	8721675
Patent Number:	10744304
Patent Number:	7169161
Patent Number:	8998843
Patent Number:	9833257
Patent Number:	10314609
Patent Number:	7935077
Patent Number:	9161765
Patent Number:	9801642
Patent Number:	8398579
Patent Number:	9078691
Patent Number:	9901361
Patent Number:	7842010
Patent Number:	7608063
Patent Number:	8012117
Patent Number:	7996974
Patent Number:	8974418
Patent Number:	7951161

PATENT

Property Type	Number
Patent Number:	8162878
Patent Number:	8303538
Patent Number:	8608703
Patent Number:	7846175
Patent Number:	8647294
Patent Number:	9586023
Patent Number:	10321932
Patent Number:	11464941
Application Number:	17962785
Patent Number:	8951229
Patent Number:	9238119
Patent Number:	9050127
Patent Number:	9107986
Application Number:	14471328
Patent Number:	10004846
Patent Number:	11260168
Patent Number:	9737328
Patent Number:	10582946
Patent Number:	10076404
Patent Number:	9108019
Patent Number:	7674272
Patent Number:	10092313
Patent Number:	7713231
Patent Number:	8323240
Patent Number:	8951224
Patent Number:	10149698
Patent Number:	9855070
Patent Number:	10595893
Patent Number:	11497522
Application Number:	17968294
Patent Number:	9108027
Patent Number:	9649437
Patent Number:	9144665
Patent Number:	8388582
Patent Number:	9072540
Patent Number:	9775964
Patent Number:	9925315
Patent Number:	10632245

Property Type	Number
Patent Number:	9239049
Patent Number:	8852219
Patent Number:	7842009
Patent Number:	7713235
Patent Number:	8394078
Patent Number:	8657785
Patent Number:	9295373
Patent Number:	9656008
Patent Number:	10010657
Patent Number:	10537669
Patent Number:	10869956
Patent Number:	D600792
Patent Number:	10499936
Patent Number:	11737650
Application Number:	18350383
Application Number:	17659893
Patent Number:	11006941
Application Number:	17301832
Application Number:	17809593
Patent Number:	10765441
Patent Number:	11701174
Application Number:	18327457
Patent Number:	10258415
Patent Number:	11253326
Patent Number:	11672617
Application Number:	18308974
Application Number:	15415676
Patent Number:	10537361
Application Number:	17805249
Patent Number:	11020125
Application Number:	17302305
Patent Number:	11160558
Patent Number:	11213300
Application Number:	17449535
Patent Number:	10820904
Patent Number:	10820903
Patent Number:	10967102
Patent Number:	11690936

Property Type	Number
Patent Number:	11406799
Patent Number:	10624642
Patent Number:	11517316
Application Number:	18052053
Patent Number:	10835729
Patent Number:	11779743
Patent Number:	11511098
Application Number:	17994910
Patent Number:	10646694
Patent Number:	10737086
Patent Number:	10842981
Patent Number:	10960501
Patent Number:	10569072
Patent Number:	11291821
Application Number:	15922251
Patent Number:	10441262
Patent Number:	11419594
Application Number:	17874197
Patent Number:	11096758
Patent Number:	10842514
Patent Number:	11583362
Patent Number:	11064870
Application Number:	17348041
Patent Number:	9839515
Patent Number:	10265167
Patent Number:	10314701
Patent Number:	10299922
Patent Number:	9216082
Patent Number:	10716662
Application Number:	15843133
Patent Number:	8647381
Patent Number:	9839513
Patent Number:	10219897
Patent Number:	10376359
Patent Number:	9333075
Patent Number:	10201418
Patent Number:	10258464
Patent Number:	11207176

Property Type	Number
Application Number:	17323452
Patent Number:	10335270
Patent Number:	10953214
Patent Number:	11452575
Application Number:	17890774
Patent Number:	11045312
Application Number:	17341573
Patent Number:	10531953
Patent Number:	10709559
Application Number:	16902386
Patent Number:	10285811
Patent Number:	11071625
Application Number:	17383839
Patent Number:	9675485
Patent Number:	10695175
Patent Number:	9414915
Patent Number:	11253362
Application Number:	17577931
Patent Number:	10188536
Patent Number:	10245145
Patent Number:	10420658
Patent Number:	11730512
Patent Number:	11172956
Patent Number:	11744610
Patent Number:	11065030
Application Number:	17356942
Patent Number:	11090072
Patent Number:	11771451
Application Number:	18453628
Application Number:	16253951
Patent Number:	11589851
Patent Number:	11331119
Application Number:	17724172
Patent Number:	11504026
Application Number:	18047752
Patent Number:	11202672
Patent Number:	8357153
Patent Number:	9011430

Property Type	Number
Application Number:	16672562
Application Number:	16671879
Patent Number:	11771307
Application Number:	18234155
Patent Number:	11445895
Application Number:	17818423
Patent Number:	11690499
Application Number:	18200362
Patent Number:	11478233
Application Number:	17948408
Patent Number:	11547274
Application Number:	18062357
Application Number:	16876390
Application Number:	16355914
Application Number:	16922695
Patent Number:	11583292
Application Number:	16917169
Application Number:	17948669
Patent Number:	11672598
Application Number:	17082769
Application Number:	16671833
Application Number:	16671805
Application Number:	17094205
Application Number:	17247384
Application Number:	17783932
Application Number:	17167526
Application Number:	17137070
Application Number:	17247870
Application Number:	17196815
Application Number:	17179099
Application Number:	17342918
Application Number:	17221477
Application Number:	17319163
Application Number:	17323634
Application Number:	17486730
Application Number:	17487177
Application Number:	17325017
Application Number:	17480276

Property Type	Number
Application Number:	17448221
Application Number:	17477994
Application Number:	17554744
Application Number:	17554700
Application Number:	17539925

CORRESPONDENCE DATA

Fax Number:

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.

Email: paralegal@blackhillsip.com
Correspondent Name: BOSTON SCIENTIFIC LIMITED
Address Line 1: BALLYBRIT BUSINESS PARK
Address Line 2: CO. GALWAY
Address Line 4: GALWAY, IRELAND

NAME OF SUBMITTER: ALISSA A JUNGE

SIGNATURE: /Alissa A Junge/

DATE SIGNED: 11/15/2023

Total Attachments: 21

- source=Assignment - BSL to BSMDL#page1.tif
- source=Assignment - BSL to BSMDL#page2.tif
- source=Assignment - BSL to BSMDL#page3.tif
- source=Assignment - BSL to BSMDL#page4.tif
- source=Assignment - BSL to BSMDL#page5.tif
- source=Assignment - BSL to BSMDL#page6.tif
- source=Assignment - BSL to BSMDL#page7.tif
- source=Assignment - BSL to BSMDL#page8.tif
- source=Assignment - BSL to BSMDL#page9.tif
- source=Assignment - BSL to BSMDL#page10.tif
- source=Assignment - BSL to BSMDL#page11.tif
- source=Assignment - BSL to BSMDL#page12.tif
- source=Assignment - BSL to BSMDL#page13.tif
- source=Assignment - BSL to BSMDL#page14.tif
- source=Assignment - BSL to BSMDL#page15.tif
- source=Assignment - BSL to BSMDL#page16.tif
- source=Assignment - BSL to BSMDL#page17.tif
- source=Assignment - BSL to BSMDL#page18.tif
- source=Assignment - BSL to BSMDL#page19.tif
- source=Assignment - BSL to BSMDL#page20.tif
- source=Assignment - BSL to BSMDL#page21.tif

ASSIGNMENT OF INTELLECTUAL PROPERTY

This is an Assignment of Intellectual Property (“Assignment”) effective as of December 31, 2019, by Boston Scientific Limited, an Irish private limited company having its principal place of business at The Financial Services Centre, Bishop’s Court Hill, St. Michael, BB 14004, Barbados (“Assignor”), to Boston Scientific Medical Device Limited, an Irish private limited company (“Assignee”).

Background

WHEREAS, pursuant to and in order to effectuate a separate Intellectual Property Transfer Agreement (the “Transfer Agreement”) between Assignor and Assignee, Assignor desires to assign and transfer to Assignee all of Assignor’s interest in the intellectual property rights defined below, in accordance with the provisions set forth herein.

NOW, THEREFORE, subject to each of the covenants, terms and conditions hereinafter set forth, Assignor and Assignee hereby agree as follows:

ARTICLE I – DEFINITIONS.

Section 1.1 “Intellectual Property Rights” means any intellectual and industrial property rights of any type or nature in any jurisdiction throughout the world, including without limitation:

(a) rights in patents, patent applications and patentable subject matter, whether or not the subject of an application, together with the invention(s) disclosed therein, including all issuances, reissues, extensions, reexaminations, renewals, divisions, substitutions, continuations or continuations-in-part of such patents, all patents which claim priority to said patents and all associated rights, including the right to claim priority, under the International Convention;

(b) rights in trademarks, service marks, trade names, trade dress, and other designators of origin, together with the goodwill of the business connected with the use thereof and symbolized thereby;

(c) rights in copyrightable subject matter or protectable designs, including, but not limited to, copyrights and copyright applications;

(d) trade secrets, know-how, formulae, methods, techniques, and processes;

(e) computer programs or data in computerized form, whether in object code, source code or other form; and

(f) all other intellectual and industrial property rights of every kind and nature and however designated, whether arising by operation of law, contract, license or otherwise, whether or not registered or registrable and including all applications (or rights to apply) for and renewals and extensions of such rights.

Section 1.2 “BSL Intellectual Property” means Assignor’s entire right, title and interest in and to Intellectual Property Rights that are owned and co-owned by Assignor, but excluding for all purposes:

- (a) Patents EP1328199, EP2907458, EP2907459, EP3023061;
- (b) the BSL Retained Assets;
- (c) the Costa Rican Intellectual Property; and
- (d) the Malaysian Intellectual Property,

((a), (b), (c) and (d) together being the “Excluded Assets”);

Section 1.3 “BSL Retained Assets” means any patents, trademarks or designs registered in Ireland and any other Irish situate intangible assets, where any such rights or any rights derived from them are exercisable in Ireland, or any licenses to use intangible assets if they or any rights derived from them are exercisable in Ireland and any other Irish situate intangible asset, and any goodwill connected or associated with any of the foregoing and, for such purpose, the term “intangible assets” shall include any intellectual property rights licensed to the Company under the Related Party Agreements;

Section 1.4 “Costa Rican Intellectual Property” means means all intellectual property and rights assigned by BSL to Boston Scientific de Costa Rica S.R.L. pursuant to an Intangible Property Purchase and Sale Agreement and accompanying Assignment of Intellectual Property dated December 31, 2019;

Section 1.5 “Licensed-In Intellectual Property” means Assignor’s entire right, title and interest in or to Intellectual Property Rights that are owned by a third party and licensed or granted to Assignor, but excluding the Excluded Assets.

Section 1.6 “Malaysian Intellectual Property” means means all intellectual property and rights being assigned by BSL to its parent Boston Scientific Group plc pursuant to an Assignment of Intellectual Property dated December 31, 2019; and

Section 1.7 “Related Party Agreements” means (i) the Second Amended and Restated Agreement for Sharing Intangible Development Costs between Boston Scientific Limited and Boston Scientific Scimed, Inc., as amended, (ii) the Second Amended and Restated Intangible Property License Agreement between BSL and Cardiac Pacemakers, Inc., (iii) the Second Amended and Restated Intangible Property License Agreement between BSL and Boston Scientific Neuromodulation Corporation, (iv) the Manufacturing Know-How Transfer Agreement between BSL and Boston Scientific Neuromodulation Corporation, and (v) any agreements with affiliated parties related to the Intellectual Property Rights, including but not limited to intangible property license agreements, intangible property purchase and sale agreements, contract manufacturing agreements, and agreements for contract research and development, but excluding the Excluded Assets.

ARTICLE II– ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS.

Section 2.1 Assignment. For the consideration set out in the Transfer Agreement, Assignor hereby assigns, transfers and conveys absolutely unto Assignee:

- (a) all its right, title and interest in the BSL Intellectual Property free from all encumbrances;
- (b) all its right, title and interest in the Licensed-In Intellectual Property (but solely to the extent transfer is permitted by the applicable agreements);
- (c) all its right, title and interest in the Related Party Agreements; and
- (d) all benefits, privileges, causes of action, common law rights, and remedies relating to the foregoing throughout the world, including, without limitation, all of Assignor's rights to: (i) apply for and maintain all registrations, renewals and/or extensions thereof (including the right to amend and abandon, to file for new intangibles, and to claim priority rights thereto), (ii) bring, make, oppose, defend or appeal proceedings, claims or actions and obtain relief (and to retain any damages recovered) for past, present and future infringement or other violation thereof, and (iii) grant licenses or other interests therein.

Nothing in this Assignment shall operate to transfer or assign any Excluded Assets.

Section 2.2 Recordation and Cooperation in Transfer. Assignor hereby authorizes the Commissioner for Patents and the Commissioner for Trademarks in the United States Patent and Trademark Office, the Register of Copyrights in the United States Copyright Office and any officials of corresponding entities or agencies in any applicable jurisdictions throughout the world to record and register this Assignment. Assignor hereby covenants and agrees to cooperate with Assignee whereby the latter may enjoy to the fullest extent the right, title and interest herein conveyed. Such cooperation shall include prompt execution of all papers prepared at the expense of Assignee which are deemed necessary or desirable by Assignee to perfect in it the right, title and interest herein conveyed. Nothing herein shall effect the transfer or assignment of any agreement or other Licensed-In Intellectual Property to the extent that such transfer or assignment would constitute a material breach of such agreement or cause loss of such Licensed-In Intellectual Property, but the Assignor shall take such actions as are necessary to place Assignee, to the extent possible, in the same position economically as if such agreement or other Licensed-In Intellectual Property had been transferred as contemplated hereby.

ARTICLE III- MISCELLANEOUS.

Section 3.1 Representations and Warranties. Assignor makes no representations or warranties concerning the rights transferred under this Assignment.

Section 3.2 Binding Effect. The terms, covenants and provisions of this Assignment shall inure to the benefit of Assignee, its successors and assigns, and shall be binding upon the Assignor, its successors, assigns and/or other legal representatives.


Section 3.3 Counterparts. This Agreement may be executed in any number of counterparts each of which when executed and delivered by one or more of the parties to this Agreement is an original, but all the counterparts together constitute the same document provided that this Agreement will not be effective until each party has executed and delivered at least one counterpart.

Section 3.4 Governing Law. This Assignment shall be governed by and construed in accordance with the laws of Minnesota.

[Remainder of page intentionally left blank]

IN WITNESS WHEREOF, Assignor has executed and delivered this instrument effective as of the date first written above.

Boston Scientific Limited

By  _____
Douglas J. Cronin
Director

Accepted and agreed:

Boston Scientific Medical Device Limited

By _____
Patrick Tierney
Director

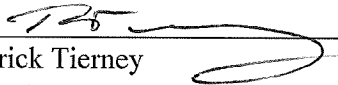
IN WITNESS WHEREOF, Assignor has executed and delivered this instrument effective as of the date first written above.

Boston Scientific Limited

By _____
Douglas J. Cronin
Director

Accepted and agreed:

Boston Scientific Medical Device Limited

By  _____
Patrick Tierney
Director

Boston Scientific Limited Assignee

BSC FILE NUMBER	COUNTRY	TITLE	DATE FILED	APPLICATION NUMBER	STATUS	GRANT DATE	PATENT NUMBER	BSC LIMITED ROLE NAMES	BOSTON SCIENTIFIC LIMITED
11-00029US01	United States of America	LUMEN REENTRY DEVICES AND METHODS	Mar 30, 2008	12/058,714	Issued	Sep 4, 2012	8257382	Assignee	Boston Scientific Limited
11-00029US02	United States of America	LUMEN REENTRY DEVICES AND METHODS	Mar 30, 2008	12/058,715	Issued	Sep 4, 2012	8257383	Assignee	Boston Scientific Limited
11-00029US03	United States of America	LUMEN REENTRY DEVICES AND METHODS	Aug 24, 2012	13/594,019	Issued	May 13, 2014	8721675	Assignee	Boston Scientific Limited
11-00031US02	United States of America	INVERTED BALLOON NECK ON CATHETER	Oct 27, 2015	14/924,257	Issued	Aug 18, 2020	10744304	Assignee	Boston Scientific Limited
14-0796US02	United States of America	GUIDEWIRE HAVING OCCLUSIVE DEVICE AND REPEATABLY CRIMPABLE PROXIMAL END	Nov 6, 2001	10/012,891	Issued	Jan 30, 2007	7169161	Assignee	Boston Scientific Limited
14-0798US03	United States of America	ENHANCED CROSS STREAM MECHANICAL THROMBECTOMY CATHETER	Nov 26, 2013	14/090,179	Issued	Apr 7, 2015	8998843	Assignee	Boston Scientific Limited
14-0798US04	United States of America	ENHANCED CROSS STREAM MECHANICAL THROMBECTOMY CATHETER	Apr 1, 2015	14/676,192	Issued	Dec 5, 2017	9833257	Assignee	Boston Scientific Limited
14-0798US05	United States of America	ENHANCED CROSS STREAM MECHANICAL THROMBECTOMY CATHETER	Dec 5, 2017	15/832,267	Issued	Jun 11, 2019	10314609	Assignee	Boston Scientific Limited
14-0801US01	United States of America	THROMBECTOMY CATHETER DEPLOYMENT SYSTEM	Sep 28, 2005	11/237,558	Issued	May 3, 2011	7935077	Assignee	Boston Scientific Limited
14-0801US03	United States of America	THROMBECTOMY CATHETER DEPLOYMENT SYSTEM	Jun 20, 2013	13/922,630	Issued	Oct 20, 2015	9161765	Assignee	Boston Scientific Limited
14-0801US04	United States of America	THROMBECTOMY CATHETER DEPLOYMENT SYSTEM	Oct 20, 2015	14/918,224	Issued	Oct 31, 2017	9801642	Assignee	Boston Scientific Limited
14-0805US01	United States of America	CATHETER INCLUDING COMPOSITE GUIDE AND METHODS FOR USE OF THE SAME	Dec 15, 2010	12/968,853	Issued	Mar 19, 2013	8398579	Assignee	Boston Scientific Limited
14-0805US02	United States of America	CATHETER HAVING TAPERED GUIDE SURFACE	Mar 7, 2013	13/789,385	Issued	Jul 14, 2015	9078691	Assignee	Boston Scientific Limited
14-0805US03	United States of America	CATHETER HAVING TAPERED GUIDE SURFACE	Jul 14, 2015	14/799,069	Issued	Feb 27, 2018	9901361	Assignee	Boston Scientific Limited
14-0807US01	United States of America	PNEUMATICALLY-OPERATED THROMBECTOMY CATHETER DEPLOYMENT SYSTEM	Dec 5, 2005	11/294,005	Issued	Nov 30, 2010	7842010	Assignee	Boston Scientific Limited

14-0808US01	United States of America	DUAL LUMEN ASPIRATION CATHETER SYSTEM	Feb 23, 2006	11/360,148	Issued	Oct 27, 2009	7608063	Assignee	Boston Scientific Limited
14-0813US01	United States of America	MINIATURE FLEXIBLE THROMBECTOMY CATHETER	Feb 6, 2007	11/702,990	Issued	Sep 6, 2011	8012117	Assignee	Boston Scientific Limited
14-0814US01	United States of America	METHOD OF MANUFACTURING A MINIATURE FLEXIBLE THROMBECTOMY CATHETER	Jul 16, 2008	12/174,125	Issued	Aug 16, 2011	7996974	Assignee	Boston Scientific Limited
14-0815US01	United States of America	Forwardly directed fluid jet crossing catheter	Jan 22, 2008	12/009,807	Issued	Mar 10, 2015	8974418	Assignee	Boston Scientific Limited
14-0816US01	United States of America	ATHERECTOMY SYSTEM HAVING A VARIABLY EXPOSED CUTTER	Jun 13, 2006	11/451,990	Issued	May 31, 2011	7951161	Assignee	Boston Scientific Limited
14-0817US01	United States of America	EXHAUST-PRESSURE-OPERATED BALLOON CATHETER SYSTEM	Dec 5, 2005	11/294,006	Issued	Apr 24, 2012	8162878	Assignee	Boston Scientific Limited
14-0823US01	United States of America	RHEOLYTIC THROMBECTOMY CATHETER WITH SELF-INFLATING DISTAL BALLOON	Dec 17, 2008	12/336,750	Issued	Nov 6, 2012	8303538	Assignee	Boston Scientific Limited
14-0830US01	United States of America	INFUSION FLOW GUIDEWIRE SYSTEM	Oct 30, 2007	11/980,164	Issued	Dec 17, 2013	8608703	Assignee	Boston Scientific Limited
14-0831US01	United States of America	GUIDEWIRE WITH COLLAPSIBLE FILTER SYSTEM	Apr 3, 2006	11/396,732	Issued	Dec 7, 2010	7846175	Assignee	Boston Scientific Limited
14-0832US01	United States of America	DIRECT STREAM HYDRODYNAMIC CATHETER SYSTEM	Sep 20, 2010	12/933,520	Issued	Feb 11, 2014	8647294	Assignee	Boston Scientific Limited
14-0832US02	United States of America	DIRECT STREAM HYDRODYNAMIC CATHETER SYSTEM	Feb 10, 2014	14/176,814	Issued	Mar 7, 2017	9586023	Assignee	Boston Scientific Limited
14-0832US03	United States of America	DIRECT STREAM HYDRODYNAMIC CATHETER SYSTEM	Mar 7, 2017	15/452,328	Issued	Jun 18, 2019	10321932	Assignee	Boston Scientific Limited
14-0832US04	United States of America	DIRECT STREAM HYDRODYNAMIC CATHETER SYSTEM	Jun 13, 2019	16/440,949	Issued	Oct 11, 2022	11464941	Assignee	Boston Scientific Limited
14-0832US05	United States of America	DIRECT STREAM HYDRODYNAMIC CATHETER SYSTEM	Oct 10, 2022	17/962,785	Published			Assignee	Boston Scientific Limited
14-0837US01	United States of America	PRESSURE ACTUATED CATHETER SEAL AND METHOD FOR THE SAME	Feb 22, 2011	13/032,185	Issued	Feb 10, 2015	8951229	Assignee	Boston Scientific Limited
14-0838US01	United States of America	Infusion Flow System and Fluid Coupling	Feb 7, 2013	13/814,804	Issued	Jan 19, 2016	9238119	Assignee	Boston Scientific Limited
14-0843US01	United States of America	CONSOLIDATED ATHERECTOMY AND THROMBECTOMY CATHETER	Mar 11, 2013	13/794,350	Issued	Jun 9, 2015	9050127	Assignee	Boston Scientific Limited

14-0845US01	United States of America	DOUBLE ACTION INFUSION PUMP	Mar 11, 2013	13/794,528	Issued	Aug 18, 2015	9107986	Assignee	Boston Scientific Limited
14-0845US02	United States of America	DOUBLE ACTION INFUSION SYSTEM	Aug 28, 2014	14/471,328	Pending			Assignee	Boston Scientific Limited
14-0845US03	United States of America	DOUBLE ACTION INFUSION PUMP	Aug 10, 2015	14/822,871	Issued	Jun 26, 2018	10004846	Assignee	Boston Scientific Limited
14-0845US04	United States of America	Double Action Infusion Pump	Jun 26, 2018	16/018,860	Issued	Mar 1, 2022	11260168	Assignee	Boston Scientific Limited
14-0846US01	United States of America	HYDRODYNAMIC ECCENTRICALLY PIVOTING CATHETER	Mar 14, 2013	13/830,699	Issued	Aug 22, 2017	9737328	Assignee	Boston Scientific Limited
14-0846US02	United States of America	HYDRODYNAMIC ECCENTRICALLY PIVOTING CATHETER	Aug 18, 2017	15/681,325	Issued	Mar 10, 2020	10582946	Assignee	Boston Scientific Limited
14-0847US01	United States of America	CATHETER SYSTEM WITH BALLOON-OPERATED FILTER SHEATH AND FLUID FLOW MAINTENANCE	Mar 12, 2013	13/795,248	Issued	Sep 18, 2018	10076404	Assignee	Boston Scientific Limited
14-0848US01	United States of America	Catheter System	Mar 13, 2013	13/801,581	Issued	Aug 18, 2015	9108019	Assignee	Boston Scientific Limited
14-0849US04	United States of America	BEARING SYSTEM TO SUPPORT A ROTATABLE OPERATING HEAD IN AN INTRACORPOREAL DEVICE	Jan 20, 2004	10/760,759	Issued	Mar 9, 2010	7674272	Assignee	Boston Scientific Limited
14-0849US05	United States of America	MEDICAL SEALED TUBULAR STRUCTURES	Mar 10, 2004	10/798,601	Issued	Oct 9, 2018	10092313	Assignee	Boston Scientific Limited
14-0849US06	United States of America	INTERVENTIONAL CATHETER ASSEMBLIES AND CONTROL SYSTEMS	Mar 10, 2004	10/798,621	Issued	May 11, 2010	7713231	Assignee	Boston Scientific Limited
14-0849US09	United States of America	INTERVENTIONAL CATHETER ASSEMBLIES AND CONTROL SYSTEMS	Apr 28, 2010	12/769,587	Issued	Dec 4, 2012	8323240	Assignee	Boston Scientific Limited
14-0849US10	United States of America	INTERVENTIONAL CATHETER ASSEMBLIES, CONTROL SYSTEMS AND OPERATING METHODS	Nov 30, 2012	13/691,634	Issued	Feb 10, 2015	8951224	Assignee	Boston Scientific Limited
14-0849US11	United States of America	INTERVENTIONAL CATHETER ASSEMBLIES, CONTROL SYSTEMS AND OPERATING METHODS	Feb 10, 2015	14/618,659	Issued	Dec 11, 2018	10149698	Assignee	Boston Scientific Limited
14-0856US01	United States of America	INFUSION LUBRICATED ATHERECTOMY CATHETER	Mar 6, 2015	14/640,110	Issued	Jan 2, 2018	9855070	Assignee	Boston Scientific Limited
14-0856US02	United States of America	INFUSION LUBRICATED ATHERECTOMY CATHETER	Nov 27, 2017	15/822,384	Issued	Mar 24, 2020	10595893	Assignee	Boston Scientific Limited
14-0856US03	United States of America	INFUSION LUBRICATED ATHERECTOMY CATHETER	Feb 10, 2020	16/785,865	Issued	Nov 15, 2022	11497522	Assignee	Boston Scientific Limited

14-0856US04	United States of America	INFUSION LUBRICATED ATHERECTOMY CATHETER	Oct 18, 2022	17/968,294	Published			Assignee	Boston Scientific Limited
14-0857US01	United States of America	INTERVENTIONAL CATHETER HOUSING ASSEMBLIES INCORPORATING GUIDE WIRE BRAKES AND MANAGEMENT SYSTEMS	Feb 26, 2013	13/777,972	Issued	Aug 18, 2015	9108027	Assignee	Boston Scientific Limited
14-0858US01	United States of America	INTERVENTIONAL CATHETER ASSEMBLIES AND CONTROL COMPONENTS FOR INTERVENTIONAL CATHETER ASSEMBLIES	Mar 14, 2013	13/830,718	Issued	May 16, 2017	9649437	Assignee	Boston Scientific Limited
14-0860US01	United States of America	FLEXIBLE SHEATH ASSEMBLIES AND INTERVENTIONAL CATHETER SYSTEMS INCORPORATING THEM	Aug 9, 2011	13/206,432	Issued	Sep 29, 2015	9144665	Assignee	Boston Scientific Limited
14-0864US01	United States of America	SYSTEMS AND METHODS FOR OPERATING INTERVENTIONAL CATHETERS USING A COMMON OPERATING CONSOLE AND ADAPTIVE INTERFACE COMPONENTS	Aug 11, 2010	12/854,834	Issued	Mar 5, 2013	8388582	Assignee	Boston Scientific Limited
14-0864US02	United States of America	ADAPTIVE TUBING CASSETTES FOR USE IN CONNECTION WITH INTERVENTIONAL CATHETER ASSEMBLIES	Jul 15, 2011	13/184,434	Issued	Jul 7, 2015	9072540	Assignee	Boston Scientific Limited
14-0864US03	United States of America	INTERVENTIONAL CATHETER ASSEMBLIES, CONTROL CONSOLES AND ADAPTIVE TUBING CASSETTES	Jan 16, 2013	13/743,173	Issued	Oct 3, 2017	9775964	Assignee	Boston Scientific Limited
14-0864US04	United States of America	ADAPTIVE TUBING CASSETTES FOR USE IN CONNECTION WITH INTERVENTIONAL CATHETER ASSEMBLIES	Jul 7, 2015	14/793,720	Issued	Mar 27, 2018	9925315	Assignee	Boston Scientific Limited

14-0864US05	United States of America	INTERVENTIONAL CATHETER ASSEMBLIES, CONTROL CONSOLES AND ADAPTIVE TUBING CASSETTES	Oct 3, 2017	15/723,586	Issued	Apr 28, 2020	10632245	Assignee	Boston Scientific Limited
14-0865US01	United States of America	PERISTALTIC PUMP HAVING A SELF-CLOSING OCCLUSION BED	Jan 9, 2013	13/809,349	Issued	Jan 19, 2016	9239049	Assignee	Boston Scientific Limited
14-0866US01	United States of America	INTERVENTIONAL CATHETERS HAVING CUTTER ASSEMBLIES AND DIFFERENTIAL CUTTING SURFACES FOR USE IN SUCH ASSEMBLIES	Oct 3, 2007	11/866,967	Issued	Oct 7, 2014	8852219	Assignee	Boston Scientific Limited
14-0866US02	United States of America	INTERVENTIONAL CATHETERS INCORPORATING ASPIRATION AND/OR INFUSION SYSTEMS	Oct 3, 2007	11/866,973	Issued	Nov 30, 2010	7842009	Assignee	Boston Scientific Limited
14-0866US03	United States of America	INTERVENTIONAL CATHETERS INCORPORATING AN ACTIVE ASPIRATION SYSTEM	Oct 3, 2007	11/866,975	Issued	May 11, 2010	7713235	Assignee	Boston Scientific Limited
14-0866US04	United States of America	INTERVENTIONAL CATHETERS INCORPORATING AN ACTIVE ASPIRATION SYSTEM	May 7, 2010	12/776,269	Issued	Mar 12, 2013	8394078	Assignee	Boston Scientific Limited
14-0866US05	United States of America	INTERVENTIONAL CATHETERS INCORPORATING ASPIRATION AND/OR INFUSION SYSTEMS	Nov 30, 2010	12/957,236	Issued	Feb 25, 2014	8657785	Assignee	Boston Scientific Limited
14-0866US06	United States of America	INTERVENTIONAL CATHETERS INCORPORATING ASPIRATION AND/OR INFUSION SYSTEMS	Feb 12, 2014	14/179,441	Issued	Mar 29, 2016	9295373	Assignee	Boston Scientific Limited
14-0866US07	United States of America	INTERVENTIONAL CATHETERS HAVING CUTTER ASSEMBLIES AND DIFFERENTIAL CUTTING SURFACES FOR USE IN SUCH ASSEMBLIES	Oct 7, 2014	14/508,731	Issued	May 23, 2017	9656008	Assignee	Boston Scientific Limited
14-0866US08	United States of America	INTERVENTIONAL CATHETERS INCORPORATING ASPIRATION AND/OR INFUSION SYSTEMS	Feb 24, 2016	15/052,248	Issued	Jul 3, 2018	10010657	Assignee	Boston Scientific Limited

14-0866US09	United States of America	INTERVENTIONAL CATHETERS HAVING CUTTER ASSEMBLIES AND DIFFERENTIAL CUTTING SURFACES FOR USE IN SUCH ASSEMBLIES	Apr 12, 2017	15/485,837	Issued	Jan 21, 2020	10537669	Assignee	Boston Scientific Limited
14-0866US10	United States of America	INTERVENTIONAL CATHETERS INCORPORATING ASPIRATION AND/OR INFUSION SYSTEMS	Jun 6, 2018	16/001,722	Issued	Dec 22, 2020	10869956	Assignee	Boston Scientific Limited
14-0867US01	United States of America	TUBING CASSETTE	Feb 12, 2009	29/332,313	Issued	Sep 22, 2009	D600792	Assignee	Boston Scientific Limited
15-0287US01	United States of America	Medical Device and Methods of Use	Jan 25, 2017	15/415,604	Issued	Dec 10, 2019	10499936	Assignee	Boston Scientific Limited
15-0287US02	United States of America	Medical Device and Methods of Use	Nov 11, 2019	16/679,406	Issued	Aug 29, 2023	11737650	Assignee	Boston Scientific Limited
15-0287US03	United States of America	Medical Device and Methods of Use	Jul 11, 2023	18/350,383	Published			Assignee	Boston Scientific Limited
15-0288US02	United States of America	Attachment for An Imaging Device	Apr 20, 2022	17/659,893	Pending			Assignee	Boston Scientific Limited
15-0289US01	United States of America	Access Device having a Fluid Pathway and Methods of Using the Same	Jan 23, 2017	15/412,864	Issued	May 18, 2021	11006941	Assignee	Boston Scientific Limited
15-0289US02	United States of America	Access Device having a Fluid Pathway and Methods of Using the Same	Apr 15, 2021	17/301,832	Published			Assignee	Boston Scientific Limited
15-0290US02	United States of America	Endoscopy Systems and Related Methods	Jun 29, 2022	17/809,593	Pending			Assignee	Boston Scientific Limited
15-0291US01	United States of America	Devices for Medical Procedures and Related Methods of Use	Jan 26, 2017	15/416,858	Issued	Sep 8, 2020	10765441	Assignee	Boston Scientific Limited
15-0292US01	United States of America	Medical Device and Methods of Use	Jan 26, 2017	15/416,766	Issued	Jul 18, 2023	11701174	Assignee	Boston Scientific Limited
15-0292US02	United States of America	Medical Device and Methods of Use	Jun 1, 2023	18/327,457	Published			Assignee	Boston Scientific Limited
15-0300US01	United States of America	Medical User Interfaces and Related Methods of Use	Jan 26, 2017	15/416,838	Issued	Apr 16, 2019	10258415	Assignee	Boston Scientific Limited
15-0300US03	United States of America	Medical User Interfaces and Related Methods of Use	Jul 10, 2020	16/925,694	Issued	Feb 22, 2022	11253326	Assignee	Boston Scientific Limited
15-0300US04	United States of America	Medical User Interfaces and Related Methods of Use	Jan 13, 2022	17/574,617	Issued	Jun 13, 2023	11672617	Assignee	Boston Scientific Limited
15-0300US05	United States of America	Medical User Interfaces and Related Methods of Use	Apr 28, 2023	18/308,974	Published			Assignee	Boston Scientific Limited

15-0302US01	United States of America	Endoscopy Systems and Related Methods	Jan 25, 2017	15/415,676	Pending			Assignee	Boston Scientific Limited
15-0353US01	United States of America	Access Device having a Fluid Pathway and Methods of using the Same	Jan 23, 2017	15/412,876	Issued	Jan 21, 2020	10537361	Assignee	Boston Scientific Limited
15-0373US02	United States of America	Medical Device and Methods of Use	Jun 3, 2022	17/805,249	Pending			Assignee	Boston Scientific Limited
16-0176US01	United States of America	Hemostasis Reloadable Clipping Device with Sleeve Engagement	Aug 17, 2017	15/680,062	Issued	Jun 1, 2021	11020125	Assignee	Boston Scientific Limited
16-0176US02	United States of America	Hemostasis Reloadable Clipping Device with Sleeve Engagement	Apr 29, 2021	17/302,305	Pending			Assignee	Boston Scientific Limited
16-0232US01	United States of America	Multiple Open/Close of Reloadable Clip	Sep 19, 2017	15/709,048	Issued	Nov 2, 2021	11160558	Assignee	Boston Scientific Limited
16-0232US02	United States of America	Multiple Open/Close of Reloadable Clip	May 11, 2021	17/302,749	Issued	Jan 4, 2022	11213300	Assignee	Boston Scientific Limited
16-0232US03	United States of America	Multiple Open/Close of Reloadable Clip	Sep 30, 2021	17/449,535	Pending			Assignee	Boston Scientific Limited
16-0234US01	United States of America	Sacrificial coupler for reloadable hemostasis clipping device	Sep 25, 2017	15/714,485	Issued	Nov 3, 2020	10820904	Assignee	Boston Scientific Limited
16-0236US01	United States of America	Hemostasis Clip with Reloadable Clipping Mechanism	Sep 12, 2017	15/702,446	Issued	Nov 3, 2020	10820903	Assignee	Boston Scientific Limited
16-0289US01	United States of America	CELL ENCAPSULATON MEMBRANES, DEVICES AND METHODS	Sep 27, 2017	15/717,201	Issued	Apr 6, 2021	10967102	Assignee	Boston Scientific Limited
16-0289US02	United States of America	CELL ENCAPSULATON MEMBRANES, DEVICES AND METHODS	Apr 5, 2021	17/222,634	Issued	Jul 4, 2023	11690936	Assignee	Boston Scientific Limited
16-0290US01	United States of America	POUCH FORMING CATHETER	Mar 21, 2019	16/361,192	Issued	Aug 9, 2022	11406799	Assignee	Boston Scientific Limited
16-0325US01	United States of America	Hemostasis Reloadable Clip Release Mechanism	Nov 9, 2017	15/808,569	Issued	Apr 21, 2020	10624642	Assignee	Boston Scientific Limited
16-0325US02	United States of America	Hemostasis Reloadable Clip Release Mechanism	Mar 16, 2020	16/820,347	Issued	Dec 6, 2022	11517316	Assignee	Boston Scientific Limited
16-0325US03	United States of America	Hemostasis Reloadable Clip Release Mechanism	Nov 2, 2022	18/052,053	Published			Assignee	Boston Scientific Limited
16-0338US01	United States of America	HEMOSTASIS VALVE DESIGN FOR INTRODUCER SHEATH	Nov 7, 2017	15/806,315	Issued	Nov 17, 2020	10835729	Assignee	Boston Scientific Limited
16-0338US02	United States of America	HEMOSTASIS VALVE DESIGN FOR INTRODUCER SHEATH	Oct 6, 2020	17/063,807	Issued	Oct 10, 2023	11779743	Assignee	Boston Scientific Limited

16-0344US01	United States of America	LOW PRESSURE SEAL DESIGN FOR A HEMOSTASIS VALVE	Nov 7, 2017	15/806,302	Issued	Nov 29, 2022	11511098	Assignee	Boston Scientific Limited
16-0344US02	United States of America	LOW PRESSURE SEAL DESIGN FOR A HEMOSTASIS VALVE	Nov 28, 2022	17/994,910	Published			Assignee	Boston Scientific Limited
16-0348US01	United States of America	ACCESS SHEATH WITH INTEGRATED CLOSURE DEVICE	Aug 16, 2017	15/678,717	Issued	May 12, 2020	10646694	Assignee	Boston Scientific Limited
16-0539US01	United States of America	HEMOSTASIS VALVES AND METHODS FOR MAKING AND USING HEMOSTASIS VALVES	Feb 28, 2018	15/907,875	Issued	Aug 11, 2020	10737086	Assignee	Boston Scientific Limited
16-0540US01	United States of America	HEMOSTASIS VALVES AND METHODS FOR MAKING AND USING HEMOSTASIS VALVES	Feb 28, 2018	15/907,983	Issued	Nov 24, 2020	10842981	Assignee	Boston Scientific Limited
16-0541US01	United States of America	HEMOSTASIS VALVES AND METHODS FOR MAKING AND USING HEMOSTASIS VALVES	Feb 23, 2018	15/903,747	Issued	Mar 30, 2021	10960501	Assignee	Boston Scientific Limited
16-0542US01	United States of America	HEMOSTASIS VALVES AND METHODS FOR MAKING AND USING HEMOSTASIS VALVES	Feb 26, 2018	15/904,829	Issued	Feb 25, 2020	10569072	Assignee	Boston Scientific Limited
16-0543US01	United States of America	Hemostasis Valves and Methods for Making and Using Hemostasis Valves	Feb 26, 2018	15/905,064	Issued	Apr 5, 2022	11291821	Assignee	Boston Scientific Limited
16-0558US01	United States of America	CELL ENCAPSULATION DEVICE	Mar 15, 2018	15/922,251	Pending			Assignee	Boston Scientific Limited
16-0561US01	United States of America	RETRIEVABLE ACCESS VALVE	Mar 21, 2018	15/927,637	Issued	Oct 15, 2019	10441262	Assignee	Boston Scientific Limited
16-0561US02	United States of America	Retrieval Access Valve	Sep 11, 2019	16/567,429	Issued	Aug 23, 2022	11419594	Assignee	Boston Scientific Limited
16-0561US03	United States of America	Retrieval Access Valve	Jul 26, 2022	17/874,197	Published			Assignee	Boston Scientific Limited
17-0081US01	United States of America	Surgical Guidance Systems, Devices, and Methods - India	May 22, 2018	15/986,435	Issued	Aug 24, 2021	11096758	Assignee	Boston Scientific Limited
17-0108US01	United States of America	Surgical Guidance Systems, Devices, and Methods	Jun 20, 2018	16/013,652	Issued	Nov 24, 2020	10842514	Assignee	Boston Scientific Limited
17-0337US01	United States of America	Devices and Methods to Access a Target within the Body	Feb 20, 2020	16/640,602	Issued	Feb 21, 2023	11583362	Assignee	Boston Scientific Limited
17-0350US01	United States of America	BIOPSY CAP FOR USE WITH ENDOSCOPE	Aug 10, 2018	16/100,960	Issued	Jul 20, 2021	11064870	Assignee	Boston Scientific Limited

17-0350US02	United States of America	BIOPSY CAP FOR USE WITH ENDOSCOPE	Jun 15, 2021	17/348,041	Allowed			Assignee	Boston Scientific Limited
17-0350US03	United States of America	BIOPSY CAP FOR USE WITH ENDOSCOPE			Unfiled			Assignee	Boston Scientific Limited
17-0480US01	United States of America	STENT-VALVES FOR VALVE REPLACEMENT AND ASSOCIATED METHODS AND SYSTEMS FOR SURGERY	Aug 28, 2014	14/471,731	Issued	Dec 12, 2017	9839515	Assignee	Boston Scientific Limited
17-0480US02	United States of America	STENT-VALVES FOR VALVE REPLACEMENT AND ASSOCIATED METHODS AND SYSTEMS FOR SURGERY	Jan 18, 2017	15/409,320	Issued	Apr 23, 2019	10265167	Assignee	Boston Scientific Limited
17-0480US03	United States of America	STENT-VALVES FOR VALVE REPLACEMENT AND ASSOCIATED METHODS AND SYSTEMS FOR SURGERY	Jun 23, 2017	15/632,149	Issued	Jun 11, 2019	10314701	Assignee	Boston Scientific Limited
17-0480US04	United States of America	STENT-VALVES FOR VALVE REPLACEMENT AND ASSOCIATED METHODS AND SYSTEMS FOR SURGERY	Jun 23, 2017	15/632,144	Issued	May 28, 2019	10299922	Assignee	Boston Scientific Limited
17-0482US01	United States of America	STENT-VALVES FOR VALVE REPLACEMENT AND ASSOCIATED METHODS AND SYSTEMS FOR SURGERY	Mar 10, 2009	12/401,329	Issued	Dec 22, 2015	9216082	Assignee	Boston Scientific Limited
17-0483US01	United States of America	STENT-VALVES FOR VALVE REPLACEMENT AND ASSOCIATED METHODS AND SYSTEMS FOR SURGERY	Apr 12, 2013	13/861,782	Issued	Jul 21, 2020	10716662	Assignee	Boston Scientific Limited
17-0483US02	United States of America	STENT-VALVES FOR VALVE REPLACEMENT AND ASSOCIATED METHODS AND SYSTEMS FOR SURGERY	Dec 15, 2017	15/843,133	Allowed			Assignee	Boston Scientific Limited
17-0484US01	United States of America	STENTS, VALVED-STENTS AND METHODS AND SYSTEMS FOR DELIVERY THEREOF	Apr 21, 2010	12/739,117	Issued	Feb 11, 2014	8647381	Assignee	Boston Scientific Limited
17-0484US02	United States of America	STENTS, VALVED-STENTS AND METHODS AND SYSTEMS FOR DELIVERY THEREOF	Aug 19, 2016	15/241,985	Issued	Dec 12, 2017	9839513	Assignee	Boston Scientific Limited

17-0484US03	United States of America	STENTS, VALVED-STENTS AND METHODS AND SYSTEMS FOR DELIVERY THEREOF	Nov 10, 2017	15/809,123	Issued	Mar 5, 2019	10219897	Assignee	Boston Scientific Limited
17-0485US01	United States of America	AORTIC BIOPROSTHESIS AND SYSTEMS FOR DELIVERY THEREOF	Jul 11, 2012	13/505,195	Issued	Aug 13, 2019	10376359	Assignee	Boston Scientific Limited
17-0486US01	United States of America	VALVE REPLACEMENT DEVICES, DELIVERY DEVICE FOR A VALVE REPLACEMENT DEVICE AND METHOD OF PRODUCTION OF A VALVE REPLACEMENT DEVICE	Sep 12, 2011	13/821,476	Issued	May 10, 2016	9333075	Assignee	Boston Scientific Limited
17-0486US02	United States of America	VALVE REPLACEMENT DEVICES, DELIVERY DEVICE FOR A VALVE REPLACEMENT DEVICE AND METHOD OF PRODUCTION OF A VALVE REPLACEMENT DEVICE	Apr 29, 2016	15/143,166	Issued	Feb 12, 2019	10201418	Assignee	Boston Scientific Limited
17-0487US01	United States of America	TRANSCATHETER STENT-VALVES	Sep 15, 2015	14/777,503	Issued	Apr 16, 2019	10258464	Assignee	Boston Scientific Limited
17-0487US02	United States of America	TRANSCATHETER STENT-VALVES AND METHODS, SYSTEMS AND DEVICES FOR ADDRESSING PARAVALVE LEAKAGE	Nov 4, 2016	15/344,135	Issued	Dec 28, 2021	11207176	Assignee	Boston Scientific Limited
17-0487US04	United States of America	IMPROVEMENTS RELATING TO TRANSCATHETER STENT-VALVES	May 18, 2021	17/323,452	Published			Assignee	Boston Scientific Limited
17-0488US01	United States of America	METHOD AND APPARATUS FOR COMPRESSING/LOADING STENT-VALVES	Jul 1, 2015	14/115,561	Issued	Jul 2, 2019	10335270	Assignee	Boston Scientific Limited
17-0500US01	United States of America	HEMOSTASIS VALVES AND METHODS FOR MAKING AND USING HEMOSTASIS VALVES	Sep 11, 2018	16/128,068	Issued	Mar 23, 2021	10953214	Assignee	Boston Scientific Limited
17-0504US01	United States of America	Devices and Methods to Access a Target within the Body	Feb 20, 2020	16/640,566	Issued	Sep 27, 2022	11452575	Assignee	Boston Scientific Limited
17-0504US02	United States of America	Devices and Methods to Access a Target within the Body	Aug 18, 2022	17/890,774	Published			Assignee	Boston Scientific Limited
17-0531US01	United States of America	STENT SEALS AND METHOD OF PRODUCTION	Feb 2, 2016	15/548,354	Issued	Jun 29, 2021	11045312	Assignee	Boston Scientific Limited

17-0531US02	United States of America	STENT SEALS AND METHOD OF PRODUCTION	Jun 8, 2021	17/341,573	Published			Assignee	Boston Scientific Limited
17-0533US01	United States of America	STENT-VALVE, DELIVERY APPARATUS AND METHOD OF USE	Apr 28, 2016	15/033,096	Issued	Jan 14, 2020	10531953	Assignee	Boston Scientific Limited
17-0534US01	United States of America	CATHETER DELIVERY SYSTEM FOR STENT VALVE	Apr 13, 2017	15/519,092	Issued	Jul 14, 2020	10709559	Assignee	Boston Scientific Limited
17-0534US02	United States of America	CATHETER DELIVERY SYSTEM FOR STENT VALVE	Jun 16, 2020	16/902,386	Allowed			Assignee	Boston Scientific Limited
17-0535US01	United States of America	PROSTHETIC VALVE, DELIVERY APPARATUS AND DELIVERY METHOD	Aug 6, 2015	14/766,417	Issued	May 14, 2019	10285811	Assignee	Boston Scientific Limited
17-0541US01	United States of America	Prosthetic Valve Leaflet	Oct 23, 2018	16/168,006	Issued	Jul 27, 2021	11071625	Assignee	Boston Scientific Limited
17-0541US02	United States of America	Prosthetic Valve Leaflet	Jul 23, 2021	17/383,839	Pending			Assignee	Boston Scientific Limited
17-0544US01	United States of America	CATHETER DELIVERY SYSTEM FOR STENT VALVE	May 20, 2013	13/821,434	Issued	Jun 13, 2017	9675485	Assignee	Boston Scientific Limited
17-0545US02	United States of America	METHOD AND APPARATUS USEFUL FOR TRANSCATHETER AORTIC VALVE IMPLANTATION	Mar 17, 2016	15/072,628	Issued	Jun 30, 2020	10695175	Assignee	Boston Scientific Limited
17-0546US01	United States of America	STENT VALVE, DELIVERY APPARATUS AND METHOD THEREFOR	Jul 2, 2013	13/825,219	Issued	Aug 16, 2016	9414915	Assignee	Boston Scientific Limited
17-0546US02	United States of America	STENT VALVE, DELIVERY APPARATUS AND METHOD THEREFOR	Aug 12, 2016	15/235,977	Issued	Feb 22, 2022	11253362	Assignee	Boston Scientific Limited
17-0546US03	United States of America	STENT VALVE, DELIVERY APPARATUS AND METHOD THEREFOR	Jan 18, 2022	17/577,931	Published			Assignee	Boston Scientific Limited
17-0548US01	United States of America	STENT-VALVE, DELIVERY APPARATUS, AND STENT-HOLDER THEREFOR	Mar 27, 2015	14/432,089	Issued	Jan 29, 2019	10188536	Assignee	Boston Scientific Limited
17-0549US01	United States of America	METHOD AND APPARATUS FOR COMPRESSING/LOADING STENT-VALVES	Mar 16, 2016	15/022,525	Issued	Apr 2, 2019	10245145	Assignee	Boston Scientific Limited
17-0550US01	United States of America	PROSTHESIS SEALS AND METHODS FOR SEALING AN EXPANDABLE PROSTHESIS	Sep 11, 2015	14/775,666	Issued	Sep 24, 2019	10420658	Assignee	Boston Scientific Limited
17-0578US01	United States of America	Locking Assembly for Medical Device	Oct 12, 2018	16/159,228	Issued	Aug 22, 2023	11730512	Assignee	Boston Scientific Limited
17-0629US01	United States of America	ATHERECTOMY SYSTEM	Dec 27, 2018	16/234,501	Issued	Nov 16, 2021	11172956	Assignee	Boston Scientific Limited

17-0629US02	United States of America	ATHERECTOMY SYSTEM	Nov 12, 2021	17/524,782	Issued	Sep 5, 2023	11744610	Assignee	Boston Scientific Limited
17-0630US01	United States of America	ATHERECTOMY SYSTEM	Dec 28, 2018	16/236,173	Issued	Jul 20, 2021	11065030	Assignee	Boston Scientific Limited
17-0630US02	United States of America	ATHERECTOMY SYSTEM	Jun 24, 2021	17/356,942	Published			Assignee	Boston Scientific Limited
17-0682US01	United States of America	Medical Devices and Related Methods	Mar 11, 2019	16/298,223	Issued	Aug 17, 2021	11090072	Assignee	Boston Scientific Limited
17-0682US02	United States of America	Medical Devices and Related Methods	Jul 13, 2021	17/374,105	Issued	Oct 3, 2023	11771451	Assignee	Boston Scientific Limited
17-0682US03	United States of America	Medical Devices and Related Methods	Aug 22, 2023	18/453,628	Pending			Assignee	Boston Scientific Limited
17-0695US01	United States of America	Biopsy forceps with cam mechanism	Jan 22, 2019	16/253,951	Pending			Assignee	Boston Scientific Limited
17-0750US01	United States of America	Biopsy Forceps with Serrated Cutting Jaws	Mar 18, 2019	16/355,899	Issued	Feb 28, 2023	11589851	Assignee	Boston Scientific Limited
18-0012US01	United States of America	ROTATIONAL MEDICAL DEVICE	Apr 10, 2019	16/380,587	Issued	May 17, 2022	11331119	Assignee	Boston Scientific Limited
18-0012US02	United States of America	ROTATIONAL MEDICAL DEVICE	Apr 19, 2022	17/724,172	Allowed			Assignee	Boston Scientific Limited
18-0021US01	United States of America	Systems and Methods for Object Size Estimation	Apr 29, 2019	16/397,243	Issued	Nov 22, 2022	11504026	Assignee	Boston Scientific Limited
18-0021US02	United States of America	Systems and Methods for Object Size Estimation	Oct 19, 2022	18/047,752	Pending			Assignee	Boston Scientific Limited
18-0110US02	United States of America	METHODS FOR RESTORING PATENCY	Jun 6, 2018	16/001,505	Issued	Dec 21, 2021	11202672	Assignee	Boston Scientific Limited
18-0134US01	United States of America	APPARATUS FOR ADMINISTERING THERAPY AT A REMOTE LOCATION IN THE BODY	Dec 9, 2009	12/522,721	Issued	Jan 22, 2013	8357153	Assignee	Boston Scientific Limited
18-0138US01	United States of America	LUMENAL REMODELLING DEVICE AND METHODS	Apr 25, 2012	13/503,598	Issued	Apr 21, 2015	9011430	Assignee	Boston Scientific Limited
18-0260US01	United States of America	Blood Flow Meter	Nov 4, 2019	16/672,562	Allowed			Assignee	Boston Scientific Limited
18-0264US01	United States of America	ATTACHMENTS FOR ENDOSCOPES	Nov 1, 2019	16/671,879	Pending			Assignee	Boston Scientific Limited
18-0353US01	United States of America	INTERNAL SEAL FOR BIOPSY CAP	Nov 1, 2019	16/671,850	Issued	Oct 3, 2023	11771307	Assignee	Boston Scientific Limited
18-0353US02	United States of America	INTERNAL SEAL FOR BIOPSY CAP	Aug 15, 2023	18/234,155	Pending			Assignee	Boston Scientific Limited
18-0453US01	United States of America	Knobs for endoscopes with improved usability and ergonomics	Mar 10, 2020	16/814,417	Issued	Sep 20, 2022	11445895	Assignee	Boston Scientific Limited
18-0453US02	United States of America	Knobs for endoscopes with improved usability and ergonomics	Aug 9, 2022	17/818,423	Pending			Assignee	Boston Scientific Limited
19-0012US01	United States of America	Biopsy Cap And Biopsy Cap Housing	Nov 1, 2019	16/671,889	Issued	Jul 4, 2023	11690499	Assignee	Boston Scientific Limited
19-0012US02	United States of America	Biopsy Cap And Biopsy Cap Housing	May 22, 2023	18/200,362	Published			Assignee	Boston Scientific Limited

19-0013US01	United States of America	Devices, systems, and methods for providing sealable access to a working channel	Nov 1, 2019	16/671,786	Issued	Oct 25, 2022	11478233	Assignee	Boston Scientific Limited
19-0013US02	United States of America	Devices, systems, and methods for providing sealable access to a working channel	Sep 20, 2022	17/948,408	Published			Assignee	Boston Scientific Limited
19-0019US01	United States of America	Grips for Medical Devices	Apr 9, 2020	16/844,396	Issued	Jan 10, 2023	11547274	Assignee	Boston Scientific Limited
19-0019US02	United States of America	Grips for Medical Devices	Dec 6, 2022	18/062,357	Published			Assignee	Boston Scientific Limited
19-0047US01	United States of America	Endoscopic Medical Device And Method Of Use	May 18, 2020	16/876,390	Published			Assignee	Boston Scientific Limited
19-0051US01	United States of America	Serrated biopsy forceps with bigger fenestration hole for effective and efficient tissue acquisition	Mar 18, 2019	16/355,914	Pending			Assignee	Boston Scientific Limited
19-0059US01	United States of America	Ligation Band Device and Method for Deploying Ligation Bands	Jul 7, 2020	16/922,695	Issued	Jul 18, 2023	11701122	Assignee	Boston Scientific Limited
19-0062US01	United States of America	Devices and Methods to Access and Treat Hemorrhoids	Jul 7, 2020	16/922,841	Issued	Feb 21, 2023	11583292	Assignee	Boston Scientific Limited
19-0105US01	United States of America	India - TORQUE ACCESSORY FOR SUPPORT CATHETER	Jun 30, 2020	16/917,169	Published			Assignee	Boston Scientific Limited
19-0252US02	United States of America	Tissue Based Bioprosthesis Heart Valve	Sep 20, 2022	17/948,669	Pending			Assignee	Boston Scientific Limited
19-0265US01	United States of America	Medical Systems, Devices, and Related Methods	Sep 22, 2020	17/028,196	Issued	Jun 13, 2023	11672598	Assignee	Boston Scientific Limited
19-0312US01	United States of America	System and Method for Monitoring Fluid Deficit	Oct 28, 2020	17/082,769	Allowed			Assignee	Boston Scientific Limited
19-0312US02	United States of America	System and Method for Monitoring Fluid Deficit			Unfiled			Assignee	Boston Scientific Limited
19-0340US01	United States of America	Devices, Systems, And Methods For Providing Sealable Access To A Working Channel	Nov 1, 2019	16/671,833	Pending			Assignee	Boston Scientific Limited
19-0341US01	United States of America	Devices, Systems, And Methods For A Biopsy Cap And Housing	Nov 1, 2019	16/671,805	Pending			Assignee	Boston Scientific Limited
19-0347US01	United States of America	Composite Web-Polymer Heart Valve	Nov 10, 2020	17/094,205	Pending			Assignee	Boston Scientific Limited

19-0363US01	United States of America	Tools for Bodily Implants	Dec 9, 2020	17/247,384	Published			Assignee	Boston Scientific Limited
19-0366US01	United States of America	Medical Device With Multiple Degrees Of Freedom And Related Methods	Dec 8, 2020	17/783,932	Published			Assignee	Boston Scientific Limited
19-0383US01	United States of America	System, device and method combining bioabsorbable foam with vacuum technology for neoplastic cysts	Feb 4, 2021	17/167,526	Pending			Assignee	Boston Scientific Limited
19-0411US01	United States of America	Medical Device Locking Assemblies And Methods Of Using The Same	Dec 29, 2020	17/137,070	Pending			Assignee	Boston Scientific Limited
19-0422US01	United States of America	Biopsy Forceps With Tissue Piercing Member	Dec 28, 2020	17/247,870	Pending			Assignee	Boston Scientific Limited
19-0439US01	United States of America	Medical Device Handle Assemblies And Methods Of Using The Same	Mar 9, 2021	17/196,815	Pending			Assignee	Boston Scientific Limited
19-0442US01	United States of America	Medical Device Handle Assemblies And Methods Of Using The Same	Feb 18, 2021	17/179,099	Pending			Assignee	Boston Scientific Limited
20-0015US01	United States of America	Medical Systems, Devices, And Related Methods	Jun 9, 2021	17/342,918	Pending			Assignee	Boston Scientific Limited
20-0016US01	United States of America	Medical Device Platforms And Methods Of Using The Same	Apr 2, 2021	17/221,477	Pending			Assignee	Boston Scientific Limited
20-0073US01	United States of America	Medical Treatment Device And Related Methods Thereof	May 13, 2021	17/319,163	Pending			Assignee	Boston Scientific Limited
20-0077US01	United States of America	Medical Delivery Systems And Methods Of Using The Same	May 18, 2021	17/323,634	Allowed			Assignee	Boston Scientific Limited
20-0084US01	United States of America	Medical Systems, Devices, And Related Methods	Sep 27, 2021	17/486,730	Pending			Assignee	Boston Scientific Limited
20-0099US01	United States of America	Single Conduit Heart Valve With Unitary Leaflet and Skirt	Sep 28, 2021	17/487,177	Pending			Assignee	Boston Scientific Limited
20-0108US01	United States of America	Medical Delivery Systems And Methods Of Using The Same	May 19, 2021	17/325,017	Pending			Assignee	Boston Scientific Limited
20-0157US01	United States of America	Medical Articulation Devices And Methods Of Using The Same	Sep 21, 2021	17/480,276	Pending			Assignee	Boston Scientific Limited
20-0170US01	United States of America	Medical Articulation Devices And Methods Of Using The Same	Sep 21, 2021	17/448,221	Pending			Assignee	Boston Scientific Limited

20-0176US01	United States of America	Medical Device Having Independent Articulation And Methods Of Use	Sep 17, 2021	17/477,994	Pending			Assignee	Boston Scientific Limited
20-0259US01	United States of America	Adaptable Devices, System, and Methods for Providing Sealable Access to a Working Channel	Dec 17, 2021	17/554,744	Published			Assignee	Boston Scientific Limited
20-0260US01	United States of America	Scaffold Devices, Systems, And Methods For Tissue Traction	Dec 17, 2021	17/554,700	Published			Assignee	Boston Scientific Limited
20-0261US01	United States of America	Devices, Systems, And Methods For Tissue Traction	Dec 1, 2021	17/539,925	Published			Assignee	Boston Scientific Limited