

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7444819

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
FARAPULSE, INC.		08/06/2021
RECEIVING PARTY DATA		
Name:	BOSTON SCIENTIFIC SCIMED, INC.	
Street Address:	ONE SCIMED PLACE	
City:	MAPLE GROVE	
State/Country:	MINNESOTA	
Postal Code:	55311	
PROPERTY NUMBERS Total: 88		
Property Type	Number	
Application Number:	63218154	
Application Number:	63148524	
Application Number:	17382160	
Application Number:	63075729	
Application Number:	62940219	
Application Number:	16785392	
Application Number:	62863588	
Application Number:	16828593	
Application Number:	62667950	
Application Number:	62733968	
Application Number:	16405515	
Application Number:	16723407	
Application Number:	16689967	
Application Number:	17378100	
Application Number:	17378107	
Application Number:	16573704	
Application Number:	16741506	
Application Number:	16877705	
Application Number:	62734214	
Application Number:	16576508	

Property Type	Number
Application Number:	17207029
Application Number:	62667964
Application Number:	17091221
Application Number:	17246995
Application Number:	62667887
Application Number:	17091289
Application Number:	17340745
Application Number:	62628163
Application Number:	16988305
Application Number:	15970404
Application Number:	17087433
Application Number:	62557390
Application Number:	16817410
Application Number:	17150164
Application Number:	62492032
Application Number:	15965564
Application Number:	16834135
Application Number:	15499804
Application Number:	16664496
Application Number:	15794717
Application Number:	62351159
Application Number:	62489643
Application Number:	15672916
Application Number:	16712774
Application Number:	62274943
Application Number:	15711266
Application Number:	16240066
Application Number:	16595250
Application Number:	62491910
Application Number:	62529268
Application Number:	62744495
Application Number:	62769407
Application Number:	15874721
Application Number:	16181027
Application Number:	16375561
Application Number:	16886514
Application Number:	17332758
Application Number:	62274926

Property Type	Number
Application Number:	15334646
Application Number:	15796375
Application Number:	16416677
Application Number:	16722650
Application Number:	16921654
Application Number:	61996390
Application Number:	15341512
Application Number:	15795062
Application Number:	17349299
Application Number:	61923971
Application Number:	15201983
Application Number:	16848257
Application Number:	61923966
Application Number:	61923969
Application Number:	15201997
Application Number:	16719708
Application Number:	61996855
Application Number:	15341523
Application Number:	15795075
Application Number:	17207053
Application Number:	62122152
Application Number:	15484969
Application Number:	15796255
Application Number:	17099272
Application Number:	61997869
Application Number:	15354475
Application Number:	16838617
Application Number:	61997868
Application Number:	15354507
Application Number:	16595224

CORRESPONDENCE DATA

Fax Number: (803)255-9831

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.

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Email: ipdocket@nelsonmullins.com, angella.lindstrom@nelsonmullins.com

Correspondent Name: JASON KRAUS

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ATTORNEY DOCKET NUMBER:	051666.00002	
NAME OF SUBMITTER:	JASON R. KRAUS	
SIGNATURE:	/Jason R. Kraus/	
DATE SIGNED:	07/20/2022	
Total Attachments: 20 source=AssignIntellPropFarapulseBSS#page1.tif source=AssignIntellPropFarapulseBSS#page2.tif source=AssignIntellPropFarapulseBSS#page3.tif source=AssignIntellPropFarapulseBSS#page4.tif source=AssignIntellPropFarapulseBSS#page5.tif source=AssignIntellPropFarapulseBSS#page6.tif source=AssignIntellPropFarapulseBSS#page7.tif source=AssignIntellPropFarapulseBSS#page8.tif source=AssignIntellPropFarapulseBSS#page9.tif source=AssignIntellPropFarapulseBSS#page10.tif source=AssignIntellPropFarapulseBSS#page11.tif source=AssignIntellPropFarapulseBSS#page12.tif source=AssignIntellPropFarapulseBSS#page13.tif source=AssignIntellPropFarapulseBSS#page14.tif source=AssignIntellPropFarapulseBSS#page15.tif source=AssignIntellPropFarapulseBSS#page16.tif source=AssignIntellPropFarapulseBSS#page17.tif source=AssignIntellPropFarapulseBSS#page18.tif source=AssignIntellPropFarapulseBSS#page19.tif source=AssignIntellPropFarapulseBSS#page20.tif		

ASSIGNMENT OF INTELLECTUAL PROPERTY

This is an Assignment of Intellectual Property ("Assignment") effective as of August 6, 2021, by Farapulse, Inc., a Delaware corporation ("Assignor"), to Boston Scientific Scimed, Inc., a Minnesota corporation ("Assignee").

Background

WHEREAS, pursuant to a plan to restructure the operations of Assignor and consolidate the ownership of certain intellectual property rights under Assignee, Assignor desires to assign and transfer to Assignee all of Assignor's interest in such intellectual property rights defined below, in accordance with the provisions set forth herein;

WHEREAS, pursuant to a dividend distribution effective as of the date hereof, Assignor distributed to its sole shareholder, Assignee, such intellectual property rights (the "Dividend"); and

WHEREAS, this Assignment is necessary to effectuate the Dividend.

NOW, THEREFORE, in consideration of and 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 “Farapulse Intellectual Property” means Assignor’s entire right, title and interest in and to Intellectual Property Rights that are owned by Assignor, including, but not limited to, the patents and patent applications listed in Schedule A and the trademarks and trademark applications listed in Schedule B.

Section 1.3 “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.

ARTICLE II – ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS.

Section 2.1 Assignment. Assignor hereby assigns, transfers and conveys absolutely unto Assignee:

(a) all its right, title and interest in the Farapulse 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); and

(c) 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.

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.

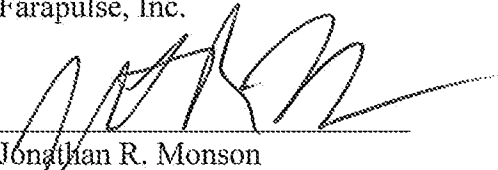
Section 3.2 Binding Effect. The terms, covenants and provisions of this Assignment shall inure to the benefit of Assignee, its successors and assigns, and shall be binding upon the Assignor, its successors, assigns and/or other legal representatives.

Section 3.3 Governing Law. This Assignment shall be governed by and construed in accordance with the laws of the State of Minnesota.

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

Farapulse, Inc.

By

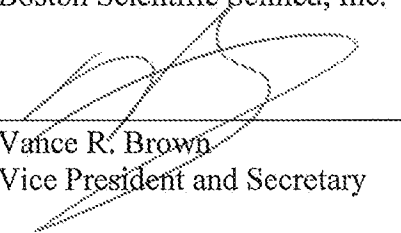


Jonathan R. Monson
Vice President and Corporate Controller

Accepted and agreed:

Boston Scientific Scimed, Inc.

By



Vance R. Brown
Vice President and Secretary

Schedule A

Farapulse Patents and Patent Applications

COUNTRY	TITLE	APPLICATION NUMBER	PATENT NUMBER	DATE FILED
United States of America	FOCAL ABLATION DEVICES WITH FOLDABLE ELEMENTS, AND SYSTEMS AND METHODS THEREOF	63/218,154		July 5, 2021
United States of America	PRE-ABLATION PULSE FOR PULSED FIELD ABLATION	63/148,524		February 11, 2021
United States of America	PRE-ABLATION PULSE FOR PULSED FIELD ABLATION	17/382,160		July 21, 2021
United States of America	CONTOURED ELECTRODE FOR PULSE ELECTRIC FIELD ABLATION	63/075,729		September 8, 2020
United States of America	METHOD AND APPARATUS FOR GENERATION OF LESION LINES WITH AN ABLATION CATHETER	62/940,219		November 25, 2019
United States of America	METHOD AND APPARATUS FOR GENERATION OF LESION LINES WITH AN ABLATION CATHETER	16/785,392	10842572	February 7, 2020
PCT	METHOD AND APPARATUS FOR GENERATION OF LESION LINES WITH AN ABLATION CATHETER	PCT/US2020/061809		November 23, 2020
United States of America	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	62/863,588		June 19, 2019
United States of America	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	16/828,593		March 24, 2020
PCT	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	PCT/US2020/037948		June 16, 2020
China	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	201980031149.7		May 7, 2019
European Patent Office	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	19726245.4		May 7, 2019

Japan	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	2020-561880		May 7, 2019
United States of America	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	62/667,950		May 7, 2018
United States of America	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	62/733,968		September 20, 2018
United States of America	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	16/405,515	10512505	May 7, 2019
United States of America	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	16/723,407	10709502	December 20, 2019
PCT	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	PCT/US2019/031135		May 7, 2019
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR PROTECTING ELECTRONIC COMPONENTS FROM HIGH POWER NOISE INDUCED BY HIGH VOLTAGE PULSES	16/689,967	11065047	November 20, 2019
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR PROTECTING ELECTRONIC COMPONENTS FROM HIGH POWER NOISE INDUCED BY HIGH VOLTAGE PULSES	17/378,100		July 16, 2021
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR PROTECTING ELECTRONIC COMPONENTS FROM HIGH POWER NOISE INDUCED BY HIGH VOLTAGE PULSES	17/378,107		July 16, 2021
PCT	SYSTEMS, APPARATUSES, AND METHODS FOR PROTECTING ELECTRONIC COMPONENTS FROM HIGH POWER NOISE INDUCED BY HIGH VOLTAGE PULSES	PCT/US2020/061564		November 20, 2020
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR DETECTING ECTOPIC ELECTROCARDIOGRAM	16/573,704	10625080	September 17, 2019

	SIGNALS DURING PULSED ELECTRIC FIELD ABLATION			
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR DETECTING ECTOPIC ELECTROCARDIOGRAM SIGNALS DURING PULSED ELECTRIC FIELD ABLATION	16/741,506	10688305	January 13, 2020
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR DETECTING ECTOPIC ELECTROCARDIOGRAM SIGNALS DURING PULSED ELECTRIC FIELD ABLATION	16/877,705		May 19, 2020
PCT	SYSTEMS, APPARATUSES, AND METHODS FOR DETECTING ECTOPIC ELECTROCARDIOGRAM SIGNALS DURING PULSED ELECTRIC FIELD ABLATION	PCT/US2020/051272		September 17, 2020
China	SYSTEMS, APPARATUSES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	201980071192.6		September 19, 2019
European Patent Office	SYSTEMS, APPARATUSES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	19780122.8		September 19, 2019
Japan	SYSTEMS, APPARATUSES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	2021515144		September 19, 2019
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	62/734,214		September 20, 2018
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	16/576,508	10687892	September 19, 2019

United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	17/207,029		March 19, 2021
PCT	SYSTEMS, APPARATUSES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	PCT/US2019/051998		September 19, 2019
China	EPICARDIAL ABLATION CATHETER	201980031102.0		May 6, 2019
European Patent Office	EPICARDIAL ABLATION CATHETER	19725482.4		May 6, 2019
Japan	EPICARDIAL ABLATION CATHETER	2020561710		May 6, 2019
United States of America	EPICARDIAL ABLATION CATHETER	62/667,964		May 7, 2018
United States of America	EPICARDIAL ABLATION CATHETER	17/091,221	11020180	November 6, 2020
United States of America	EPICARDIAL ABLATION CATHETER	17/246,995		May 3, 2021
PCT	EPICARDIAL ABLATION CATHETER	PCT/US2019/030882		May 6, 2019
China	SYSTEMS, APPARATUSES, AND METHODS FOR FILTERING HIGH VOLTAGE NOISE INDUCED BY PULSED ELECTRIC FIELD ABLATION	201980032098.X		May 6, 2019
European Patent Office	SYSTEMS, APPARATUSES, AND METHODS FOR FILTERING HIGH VOLTAGE NOISE INDUCED BY PULSED ELECTRIC FIELD ABLATION	19725007.9		May 6, 2019
Japan	SYSTEMS, APPARATUSES, AND METHODS FOR FILTERING HIGH VOLTAGE NOISE INDUCED BY PULSED ELECTRIC FIELD ABLATION	2020-560909		May 6, 2019
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR FILTERING HIGH VOLTAGE NOISE INDUCED BY	62/667,887		May 7, 2018

	PULSED ELECTRIC FIELD ABLATION			
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR FILTERING HIGH VOLTAGE NOISE INDUCED BY PULSED ELECTRIC FIELD ABLATION	17/091,289	11033236	November 6, 2020
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR FILTERING HIGH VOLTAGE NOISE INDUCED BY PULSED ELECTRIC FIELD ABLATION	17/340,745		June 7, 2021
PCT	SYSTEMS, APPARATUSES, AND METHODS FOR FILTERING HIGH VOLTAGE NOISE INDUCED BY PULSED ELECTRIC FIELD ABLATION	PCT/US2019/030922		May 6, 2019
European Patent Office	METHOD AND APPARATUS FOR CONTROLLED DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO TISSUE	19707238.2		February 8, 2019
United States of America	METHOD AND APPARATUS FOR CONTROLLED DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO TISSUE	62/628,163		February 8, 2018
United States of America	METHOD AND APPARATUS FOR CONTROLLED DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO TISSUE	16/988,305		August 7, 2020
PCT	METHOD AND APPARATUS FOR CONTROLLED DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO TISSUE	PCT/US2019/017322		February 8, 2019
China	SYSTEMS, DEVICES, AND METHODS FOR ABLATION USING SURGICAL CLAMPS	201980031108.8		April 24, 2019
European Patent Office	SYSTEMS, DEVICES, AND METHODS FOR ABLATION USING SURGICAL CLAMPS	19734941.8		April 24, 2019
Japan	SYSTEMS, DEVICES, AND METHODS FOR ABLATION USING SURGICAL CLAMPS	2020561052		April 24, 2019
United States of America	SYSTEMS, DEVICES, AND METHODS FOR ABLATION USING SURGICAL CLAMPS	15/970,404		May 3, 2018

United States of America	SYSTEMS, DEVICES, AND METHODS FOR ABLATION USING SURGICAL CLAMPS	17/087,433		November 2, 2020
PCT	SYSTEMS, DEVICES, AND METHODS FOR ABLATION USING SURGICAL CLAMPS	PCT/US2019/028943		April 24, 2019
China	SYSTEMS, APPARATUSES, AND METHODS FOR VENTRICULAR FOCAL ABLATION	201880059085.7		September 12, 2018
European Patent Office	SYSTEMS, APPARATUSES, AND METHODS FOR VENTRICULAR FOCAL ABLATION	18779532.3		September 12, 2018
Japan	SYSTEMS, APPARATUSES, AND METHODS FOR VENTRICULAR FOCAL ABLATION	2020512611		September 12, 2018
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR VENTRICULAR FOCAL ABLATION	62/557,390		September 12, 2017
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR VENTRICULAR FOCAL ABLATION	16/817,410	10893905	March 12, 2020
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR VENTRICULAR FOCAL ABLATION	17/150,164		January 15, 2021
PCT	SYSTEMS, APPARATUSES, AND METHODS FOR VENTRICULAR FOCAL ABLATION	PCT/US2018/050660		September 12, 2018
Germany	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ESOPHAGEAL TISSUE	18170210.1	3456278	April 30, 2018
European Patent Office	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ESOPHAGEAL TISSUE	18170210.1	3456278	April 30, 2018
European Patent Office	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ESOPHAGEAL TISSUE	21196344.2		April 30, 2018
France	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD	18170210.1	3456278	April 30, 2018

	ABLATIVE ENERGY TO ESOPHAGEAL TISSUE			
United Kingdom	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ESOPHAGEAL TISSUE	18170210.1	3456278	April 30, 2018
United States of America	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ESOPHAGEAL TISSUE	62/492,032		April 28, 2017
United States of America	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ESOPHAGEAL TISSUE	15/965,564	10617867	April 27, 2018
United States of America	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ESOPHAGEAL TISSUE	16/834,135		March 30, 2020
China	SYSTEMS, DEVICES, AND METHODS FOR SIGNAL GENERATION	201880027381.9		April 26, 2018
European Patent Office	SYSTEMS, DEVICES, AND METHODS FOR SIGNAL GENERATION	18724085.8		April 26, 2018
Japan	SYSTEMS, DEVICES, AND METHODS FOR SIGNAL GENERATION	2019557828		April 26, 2018
United States of America	SYSTEMS, DEVICES, AND METHODS FOR SIGNAL GENERATION	15/499,804	9987081	April 27, 2017
United States of America	SYSTEMS, DEVICES, AND METHODS FOR SIGNAL GENERATION	16/664,496		October 25, 2019
United States of America	SYSTEMS, DEVICES, AND METHODS FOR SIGNAL GENERATION	15/794,717	10016232	October 26, 2017
PCT	SYSTEMS, DEVICES, AND METHODS FOR SIGNAL GENERATION	PCT/US2018/029552		April 26, 2018
European Patent Office	SYSTEMS, APPARATUSES, AND METHODS FOR GUIDE WIRE DELIVERY	17814062		June 15, 2017

United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR GUIDE WIRE DELIVERY	62/351,159		June 16, 2016
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR GUIDE WIRE DELIVERY	62/489,643		April 25, 2017
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR GUIDE WIRE DELIVERY	15/672,916	10507302	August 9, 2017
United States of America	SYSTEMS, APPARATUSES, AND METHODS FOR GUIDE WIRE DELIVERY	16/712,774		December 12, 2019
PCT	SYSTEMS, APPARATUSES, AND METHODS FOR GUIDE WIRE DELIVERY	PCT/US2017/037609		June 15, 2017
China	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	201780005770.7		January 4, 2017
European Patent Office	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	17736218.3	3399933	January 4, 2017
European Patent Office	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	21193873.3		January 4, 2017
Japan	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	2018-534873	6847960	January 4, 2017
Japan	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	2021-033231		January 4, 2017
United States of America	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	62/274,943		January 5, 2016

United States of America	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	15/711,266	10172673	September 21, 2017
United States of America	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	16/240,066	10433908	January 4, 2019
United States of America	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	16/595,250	10842561	October 7, 2019
PCT	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	PCT/US2017/012099		January 4, 2017
China	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	201880033278.5		April 27, 2018
China	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	202110157926.1		April 27, 2018
European Patent Office	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	18790020.4		April 27, 2018
Japan	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	2019557421		April 27, 2018
United States of America	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	62/491,910		April 28, 2017

PCT	SYSTEMS, DEVICES, AND METHODS FOR DELIVERY OF PULSED ELECTRIC FIELD ABLATIVE ENERGY TO ENDOCARDIAL TISSUE	PCT/US2018/029938		April 27, 2018
China	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	201980013103.2		January 18, 2019
European Patent Office	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	19703585		January 18, 2019
Japan	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	2020537624		January 18, 2019
United States of America	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	62/529,268		July 6, 2017
United States of America	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	62/744,495		October 11, 2018
United States of America	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	62/769,407		November 19, 2018
United States of America	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	15/874,721	10130423	January 18, 2018
United States of America	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	16/181,027	10617467	November 5, 2018
PCT	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	PCT/US2019/014226		January 18, 2019
United States of America	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	16/375,561	10660702	April 4, 2019
United States of America	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	16/886,514	11020179	May 28, 2020
United States of America	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	17/332,758		May 27, 2021
PCT	SYSTEMS, DEVICES, AND METHODS FOR FOCAL ABLATION	PCT/US2020/026682		April 3, 2020

China	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	201680077941.2		October 19, 2016
China	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	202111142293.3		October 19, 2016
European Patent Office	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	16884132.8		October 19, 2016
Japan	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	2018-534869	6893515	October 19, 2016
Japan	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	2021-092461		October 19, 2016
United States of America	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	62/274,926		January 5, 2016
United States of America	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	15/334,646		October 26, 2016
United States of America	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	15/796,375	10322286	October 27, 2017
United States of America	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	16/416,677	10512779	May 20, 2019
United States of America	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	16/722,650	10709891	December 20, 2019
United States of America	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	16/921,654		July 6, 2020
PCT	SYSTEMS, APPARATUSES AND METHODS FOR DELIVERY OF ABLATIVE ENERGY TO TISSUE	PCT/US2016/057664		October 19, 2016
Germany	METHODS AND APPARATUS FOR SELECTIVE TISSUE ABLATION	15726772.5	602015016633.70	May 7, 2015
European Patent Office	METHODS AND APPARATUS FOR SELECTIVE TISSUE ABLATION	15726772.5	3139997	May 7, 2015
European Patent Office	METHODS AND APPARATUS FOR SELECTIVE TISSUE ABLATION	18189811.5		May 7, 2015
France	METHODS AND APPARATUS FOR SELECTIVE TISSUE ABLATION	15726772.5	3139997	May 7, 2015

United Kingdom	METHODS AND APPARATUS FOR SELECTIVE TISSUE ABLATION	15726772.5	3139997	May 7, 2015
Italy	METHODS AND APPARATUS FOR SELECTIVE TISSUE ABLATION	15726772.5	5.02018E+14	May 7, 2015
United States of America	METHODS AND APPARATUS FOR SELECTIVE TISSUE ABLATION	61/996,390		May 7, 2014
United States of America	METHODS AND APPARATUS FOR SELECTIVE TISSUE ABLATION	15/341,512		November 2, 2016
United States of America	METHODS AND APPARATUS FOR SELECTIVE TISSUE ABLATION	15/795,062		October 26, 2017
United States of America	METHODS AND APPARATUS FOR SELECTIVE TISSUE ABLATION	17/349,299		June 16, 2021
PCT	METHODS AND APPARATUS FOR SELECTIVE TISSUE ABLATION	PCT/US2015/029734		May 7, 2015
China	DEVICES AND METHODS FOR DELIVERING THERAPEUTIC ELECTRICAL IMPULSES	201580006848.8		January 5, 2015
European Patent Office	DEVICES AND METHODS FOR DELIVERING THERAPEUTIC ELECTRICAL IMPULSES	15701856.5		January 5, 2015
Japan	DEVICES AND METHODS FOR DELIVERING THERAPEUTIC ELECTRICAL IMPULSES	2016544072	6611722	January 5, 2015
United States of America	DEVICES AND METHODS FOR DELIVERING THERAPEUTIC ELECTRICAL IMPULSES	61/923,971		January 6, 2014
United States of America	DEVICES AND METHODS FOR DELIVERING THERAPEUTIC ELECTRICAL IMPULSES	15/201,983		July 5, 2016
United States of America	DEVICES AND METHODS FOR DELIVERING THERAPEUTIC ELECTRICAL IMPULSES	16/848,257		April 14, 2020
PCT	DEVICES AND METHODS FOR DELIVERING THERAPEUTIC ELECTRICAL IMPULSES	PCT/US2015/010138		January 5, 2015
Germany	APPARATUS AND METHODS FOR RENAL DENERVATION ABLATION	15733297.4	6.02015E+11	January 6, 2015
European Patent Office	APPARATUS AND METHODS FOR RENAL DENERVATION ABLATION	15733297.4	3091921	January 6, 2015

France	APPARATUS AND METHODS FOR RENAL DENERVATION ABLATION	15733297.4	3091921	January 6, 2015
United Kingdom	APPARATUS AND METHODS FOR RENAL DENERVATION ABLATION	15733297.4	3091921	January 6, 2015
United States of America	APPARATUS AND METHODS FOR RENAL DENERVATION ABLATION	61/923,966		January 6, 2014
United States of America	APPARATUS AND METHODS FOR RENAL DENERVATION ABLATION	61/923,969		January 6, 2014
United States of America	APPARATUS AND METHODS FOR RENAL DENERVATION ABLATION	15/201,997	10517672	July 5, 2016
United States of America	APPARATUS AND METHODS FOR RENAL DENERVATION ABLATION	16/719,708		December 18, 2019
PCT	APPARATUS AND METHODS FOR RENAL DENERVATION ABLATION	PCT/US2015/010223		January 6, 2015
European Patent Office	METHODS AND APPARATUS FOR MULTI-CATHETER TISSUE ABLATION	15726465.6		May 15, 2015
United States of America	METHODS AND APPARATUS FOR MULTI-CATHETER TISSUE ABLATION	61/996,855		May 16, 2014
United States of America	METHODS AND APPARATUS FOR MULTI-CATHETER TISSUE ABLATION	15/341,523		November 2, 2016
United States of America	METHODS AND APPARATUS FOR MULTI-CATHETER TISSUE ABLATION	15/795,075		October 26, 2017
United States of America	METHODS AND APPARATUS FOR MULTI-CATHETER TISSUE ABLATION	17/207,053		March 22, 2021
PCT	METHODS AND APPARATUS FOR MULTI-CATHETER TISSUE ABLATION	PCT/US2015/031086		May 15, 2015
Germany	METHOD AND APPARATUS FOR RAPID AND SAFE PULMONARY VEIN CARDIAC ABLATION	15849844.4	6.02015E+11	October 12, 2015
European Patent Office	METHOD AND APPARATUS FOR RAPID AND SAFE PULMONARY VEIN CARDIAC ABLATION	15849844.4	3206613	October 12, 2015

France	METHOD AND APPARATUS FOR RAPID AND SAFE PULMONARY VEIN CARDIAC ABLATION	15849844.4	3206613	October 12, 2015
United Kingdom	METHOD AND APPARATUS FOR RAPID AND SAFE PULMONARY VEIN CARDIAC ABLATION	15849844.4	3206613	October 12, 2015
United States of America	METHOD AND APPARATUS FOR RAPID AND SAFE PULMONARY VEIN CARDIAC ABLATION	62/122,152		October 14, 2014
United States of America	METHOD AND APPARATUS FOR RAPID AND SAFE PULMONARY VEIN CARDIAC ABLATION	15/484,969	10835314	April 11, 2017
United States of America	METHOD AND APPARATUS FOR RAPID AND SAFE PULMONARY VEIN CARDIAC ABLATION	15/796,255	9999465	October 27, 2017
United States of America	METHOD AND APPARATUS FOR RAPID AND SAFE PULMONARY VEIN CARDIAC ABLATION	17/099,272		November 16, 2020
PCT	METHOD AND APPARATUS FOR RAPID AND SAFE PULMONARY VEIN CARDIAC ABLATION	PCT/US2015/055105		October 12, 2015
European Patent Office	METHOD AND APPARATUS FOR RAPID AND SELECTIVE TISSUE ABLATION WITH COOLING	15806855.1		June 12, 2015
United States of America	METHOD AND APPARATUS FOR RAPID AND SELECTIVE TISSUE ABLATION WITH COOLING	61/997,869		June 12, 2014
United States of America	METHOD AND APPARATUS FOR RAPID AND SELECTIVE TISSUE ABLATION WITH COOLING	15/354,475	10624693	November 17, 2016
United States of America	METHOD AND APPARATUS FOR RAPID AND SELECTIVE TISSUE ABLATION WITH COOLING	16/838,617		April 2, 2020
PCT	METHOD AND APPARATUS FOR RAPID AND SELECTIVE TISSUE ABLATION WITH COOLING	PCT/US2015/035582		June 12, 2015
Germany	METHOD AND APPARATUS FOR RAPID AND SELECTIVE TRANSURETHRAL TISSUE ABLATION	15806278.6	6.02015E+11	June 12, 2015
European Patent Office	METHOD AND APPARATUS FOR RAPID AND SELECTIVE TRANSURETHRAL TISSUE ABLATION	15806278.6	3154463	June 12, 2015
France	METHOD AND APPARATUS FOR RAPID AND SELECTIVE	15806278.6	3154463	June 12, 2015

	TRANSURETHRAL TISSUE ABLATION			
United Kingdom	METHOD AND APPARATUS FOR RAPID AND SELECTIVE TRANSURETHRAL TISSUE ABLATION	15806278.6	3154463	June 12, 2015
United States of America	METHOD AND APPARATUS FOR RAPID AND SELECTIVE TRANSURETHRAL TISSUE ABLATION	61/997,868		June 12, 2014
United States of America	METHOD AND APPARATUS FOR RAPID AND SELECTIVE TRANSURETHRAL TISSUE ABLATION	15/354,507	10433906	November 17, 2016
United States of America	METHOD AND APPARATUS FOR RAPID AND SELECTIVE TRANSURETHRAL TISSUE ABLATION	16/595,224		October 7, 2019
PCT	METHOD AND APPARATUS FOR RAPID AND SELECTIVE TRANSURETHRAL TISSUE ABLATION	PCT/US2015/035592		June 12, 2015

Schedule B

Farapulse Trademarks and Trademark Applications

Mark	Application/ Registration No.	Goods/Services	Current Status
FARADRIV E United States	Application No. 87622975 Registration No. 5710746	Class 10: medical device system for ablating cardiac tissue comprising a pulsed electric field power source in the nature of a pulse generator, an ablation catheter, a catheter delivery system, a deflectable sheath, and instruction manuals provided as a unit	Filed 9/26/17 Registered 3/26/19 First use: 10/20/18
FARAFLEX United States	Application No. 88327889	Class 10: medical device system for ablating cardiac tissue comprising a pulsed electric field power source in the nature of a pulse generator, an ablation catheter, a catheter delivery system, a deflectable sheath, and instruction manuals provided as a unit	Filed 3/6/19 (intent-to-use) Notice of Allowance issued 8/20/19
FARAONE United States	Application No. 87622980	Class 10: medical device system for ablating cardiac tissue comprising a pulsed electric field power source in the nature of a pulse generator, an ablation catheter, a catheter delivery system, a deflectable sheath, and instruction manuals provided as a unit	Expired
FARAONE United States	Application No. 90588344	Class 10: medical device system for ablating cardiac tissue comprising a pulsed electric field power source in the nature of a pulse generator, an ablation catheter, a catheter delivery system, a deflectable sheath, and instruction manuals provided as a unit	Filed 3/18/21 (intent-to-use) Awaiting action
FARAPILO T United States	Application No. 87622983	Class 10: medical device system for ablating cardiac tissue comprising a pulsed electric field power source in the nature of a pulse generator, an ablation catheter, a catheter delivery system, a deflectable sheath, and instruction manuals provided as a unit	Expired
FARAPILO T United States	Application No. 90588341	Class 10: medical device system for ablating cardiac tissue comprising a pulsed electric field power source in the nature of a pulse generator, an ablation catheter, a catheter delivery system, a deflectable sheath, and instruction manuals provided as a unit	Filed 3/18/21 (intent-to-use) Awaiting action

Mark	Application/ Registration No.	Goods/Services	Current Status
FARAPOIN T United States	Application No. 88737357	Class 10: medical device system for ablating cardiac tissue comprising a pulsed electric field power source in the nature of a pulse generator, an ablation catheter, a catheter delivery system, a deflectable sheath, and instruction manuals provided as a unit	Filed 12/23/19 (intent-to-use) Notice of Allowance issued 7/7/20
FARAPULS E United States	Application No. 87622986 Registration No. 5644722	Class 10: medical device system for ablating cardiac tissue comprising a pulsed electric field power source in the nature of a pulse generator, an ablation catheter, a catheter delivery system, a deflectable sheath, and instruction manuals provided as a unit	Filed 9/26/17 Registered 1/1/19 First use: 10/20/18
FARASTAR United States	Application No. 87622990 Registration No. 5644723	Class 10: medical device system for ablating cardiac tissue comprising a pulsed electric field power source in the nature of a pulse generator, an ablation catheter, a catheter delivery system, a deflectable sheath, and instruction manuals provided as a unit	Filed 9/26/17 Registered 1/1/19 First use: 10/20/18
FARAWAV E United States	Application No. 87622994 Registration No. 6389565	Class 10: medical device system for ablating cardiac tissue comprising a pulsed electric field power source in the nature of a pulse generator, an ablation catheter, a catheter delivery system, a deflectable sheath, and instruction manuals provided as a unit	Filed 9/26/17 Registered 6/15/21 First use: 2/28/21