

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6581384

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	CYBERHEART, INC.	10/27/2020
RECEIVING PARTY DATA		
Name:	VARIAN MEDICAL SYSTEMS, INC.	
Street Address:	3100 HANSEN WAY	
City:	PALO ALTO	
State/Country:	CALIFORNIA	
Postal Code:	94304	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	17190810	
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Email:	IDOCKETING@DUANEMORRIS.COM, MBATMANI@DUANEMORRIS.COM, KCUVALO@DUANEMORRIS.COM	
Correspondent Name:	DUANE MORRIS LLP	
Address Line 1:	2475 HANOVER STREET	
Address Line 4:	PALO ALTO, CALIFORNIA 94304-1194	
ATTORNEY DOCKET NUMBER:	2019-082US05 (G0291-93146)	
NAME OF SUBMITTER:	MANITA RAWAT	
SIGNATURE:	/Manita Rawat/	
DATE SIGNED:	03/03/2021	
Total Attachments: 21		
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PATENT RIGHTS ASSIGNMENT AGREEMENT

This PATENT RIGHTS ASSIGNMENT AGREEMENT (the "Assignment") is entered into by and between CYBERHEART INC., a Delaware Corporation ("Assignor"), and VARIAN MEDICAL SYSTEMS, INC., a Delaware Corporation ("Assignee").

Assignor and Assignee are parties to that certain Agreement and Plan of Merger, dated as of March 15, 2019, by and among Assignor (identified therein as the "Company"), Assignee (identified therein as "Parent"), Vino Merger Sub, Inc., a Delaware corporation and a wholly owned subsidiary of Assignee (identified therein as "Merger Sub"), and other parties for certain limited purposes, pursuant to which Vino Merger Sub, Inc. was merged with and into Assignor, with Assignor as the surviving corporation ("Merger Agreement"). Assignor and Assignee have determined that the assignment of the Assigned Patents from Assignor to Assignee, as provided under this Assignment, will more effectively consummate the transactions contemplated by, and/or is consistent with the purposes of, the Merger Agreement.

"Assigned Patents" means all (a) provisional patent applications, non-provisional patent applications, and patents listed in the Appendix attached hereto (the "Listed Patent Portfolio"); (b) patents or patent applications (provisional and non-provisional) (i) from which any of the Listed Patents claims priority, (ii) for which any of the Listed Patents forms a basis for priority; (c) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, divisions, and registrations of any item in any of the foregoing categories (a) and (b); (d) national (of any country of origin) and multinational patents, patent applications and counterparts relating to any item in any of the foregoing categories (a) through (c), including, without limitation, certificates of invention and utility models; (e) patent rights provided by multinational treaties or conventions for any item in any of the foregoing categories (a) through (d); and (f) any item in any of the foregoing categories (b) through (d) whether or not expressly listed as Listed Patents and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor agrees to and does hereby irrevocably sell, assign, transfer and convey unto said Assignee, and Assignee hereby accepts, all of Assignor's right, title, and interest (i) in and to the Assigned Patents, the same to be held and enjoyed by said Assignee for its own use, and for the use of its successors, assigns, or other legal representatives to the end of the term or terms for which said Assigned Patents may be granted as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment had not been made; (ii) in and to inventions, invention disclosures and discoveries described in any of the Assigned Patents to the extent that such inventions, invention disclosures and discoveries could be claimed in any of the Assigned Patents, (iii) in and to rights to apply in any and all countries of the world for patents, certificates of invention and utility models, claiming any inventions, invention disclosures and discoveries could be claimed in any of the Assigned Patents; (iv) in and to causes of action (whether known or unknown or whether currently pending, filed or otherwise) and other enforcement rights under, or on account of, any of the Assigned Patents and/or the rights described in (iii), including, without limitation, all causes of action and other enforcement rights for damages, injunctive relief and any other remedies of any kind for past, current and future infringement of the Assigned Patents; and (v) rights to collect royalties or other payments under or on account of any of the Assigned Patents and/or any of the foregoing.

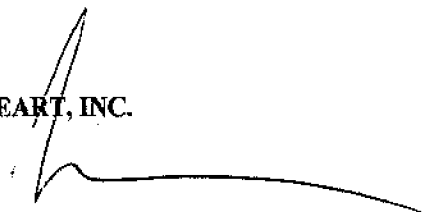
Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Assigned Patents in the name of Assignee, as the assignee to the entire interest therein.

This Assignment shall be binding upon and shall inure to the benefit of the parties and their respective successors and assigns.

This Assignment shall be governed by, and construed in accordance with, the laws of the United States and the laws of the State of Delaware, without giving effect to the conflict of laws rules thereof.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed as of October 27, 2020.

CYBERHEART, INC.

By: 
Name: Michael B. Dunn
Title: Director

VARIAN MEDICAL SYSTEMS, INC.

By: _____
Name: Dow Wilson
Title: President

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CYBERHEART, INC.

By: _____
Name: Michael B. Dunn
Title: Director

VARIAN MEDICAL SYSTEMS, INC.

By: 
Name: Dow Wilson
Title: President

APPENDIX

LISTED PATENT PORTFOLIO

Title	Application No.	Country	Filing Date	Patent No.	Issue date
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	2010273945	Australia	07/19/10	2010273945	10/31/2013
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	2010274004	Australia	07/16/10		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	201080037057.9	China	07/19/10		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	201080039876.7	China	07/16/10		
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	201380071673.X	China	12/20/13	ZL201380071673	12/13/2019
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	13867516	European Patent	12/20/2013		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	10800636.2	European Patent	07/16/10		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	10800662.8	European Patent	07/19/10		
RENOVASCULAR TREATMENT DEVICE, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING	12782248.4	European Patent	05/09/12		

Title	Application No.	Country	Filing Date	Patent No.	Issue date
HYPERTENSION					
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	13867516.0	European Patent	12/20/13	2938399	4/15/2020
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	12110672.0	Germany	7/16/2010	602013068047.7	4/15/2020
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	12110471.3	Hong Kong	7/19/2010		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	12110672.0	Hong Kong	07/16/10		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	12110741.3	Hong Kong	07/19/10		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	2012-520824	Japan	07/16/10		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	2012-520835	Japan	07/19/10		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	2015-113140	Japan	07/16/10		
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	2015-550705	Japan	12/20/13		

Title	Application No.	Country	Filing Date	Patent No.	Issue date
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	2017-169759	Japan	07/16/10		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	2020-069549	Japan	7/16/10		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	10-2012-7004023	Korea, Republic of	07/19/10		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	10-2012-7004281	Korea, Republic of	07/16/10		
NON-INVASIVE HEART TREATMENT DEVICE	PCT/US2004/000503	Patent Cooperation Treaty	01/08/04		
METHOD FOR DEPOSITING RADIATION IN HEART MUSCLE	PCT/US2008/050652	Patent Cooperation Treaty	01/09/08		
DEPOSITING RADIATION IN HEART MUSCLE UNDER ULTRASOUND GUIDANCE	PCT/US2008/050656	Patent Cooperation Treaty	01/09/08		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	PCT/US2008/057133	Patent Cooperation Treaty	03/14/08		
RADIOSURGICAL ABLATION OF THE MYOCARDIUM	PCT/US2008/077816	Patent Cooperation Treaty	09/26/08		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	PCT/US2009/036980	Patent Cooperation Treaty	03/12/09		

Title	Application No.	Country	Filing Date	Patent No.	Issue date
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	PCT/US2009/037298	Patent Cooperation Treaty	03/16/09		
TEST OBJECT FOR THE VALIDATION OF TRACKING IN THE PRESENCE OF MOTION	PCT/US2009/062395	Patent Cooperation Treaty	10/28/09		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	PCT/US2010/042344	Patent Cooperation Treaty	07/16/10		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	PCT/US2010/042439	Patent Cooperation Treaty	07/19/10		
RENOVASCULAR TREATMENT DEVICE, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING HYPERTENSION	PCT/US2012/000241	Patent Cooperation Treaty	05/09/12		
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	PCT/US2013/077176	Patent Cooperation Treaty	12/20/13		
APPARATUS AND METHOD FOR REAL-TIME TRACKING OF TISSUE STRUCTURES	PCT/US2014/027367	Patent Cooperation Treaty	03/14/14		
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	13867516	United Kingdom	8/29/2003	2938399	4/15/2020
METHOD FOR NON-INVASIVE HEART TREATMENT	10/651,764	United States	08/29/03	6,889,695	5/10/2005
METHOD FOR NON-INVASIVE LUNG TREATMENT	10/969,221	United States	10/19/04		
SYSTEM FOR NON-INVASIVE HEART TREATMENT	11/080,318	United States	03/14/05	7,645,276	1/12/2010

Title	Application No.	Country	Filing Date	Patent No.	Issue date
DEPOSITING RADIATION IN HEART MUSCLE UNDER ULTRASOUND GUIDANCE	11/971,399	United States	01/09/08		
METHOD FOR DEPOSITING RADIATION IN HEART MUSCLE	11/971,725	United States	01/09/08		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	12/077,016	United States	03/14/08		
RADIOSURGICAL ABLATION OF THE MYOCARDIUM	12/238,809	United States	09/26/08	8,315,691	11/20/2012
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	12/403,198	United States	03/12/09		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	12/404,881	United States	03/16/09	7,953,204	5/31/2011
TEST OBJECT FOR THE VALIDATION OF TRACKING IN THE PRESENCE OF MOTION	12/621,777	United States	11/19/09	8,792,613	7/29/2014
SYSTEM FOR NON-INVASIVE HEART TREATMENT	12/637,458	United States	12/14/09	8,696,658	4/15/2014
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	12/838,113	United States	07/16/10	8,784,290	7/22/2014
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	12/838,308	United States	07/16/10	9,205,279	12/08/2015

Title	Application No.	Country	Filing Date	Patent No.	Issue date
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	12/900,717	United States	10/08/10	8,345,821	1/1/2013
RENOVASCULAR TREATMENT DEVICE, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING HYPERTENSION	13/506,658	United States	05/09/12		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	13/619,064	United States	09/14/12		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	13/619,509	United States	09/14/12	9,320,916	4/26/2016
RADIOSURGICAL ABLATION OF THE MYOCARDIUM	13/619,545	United States	09/14/12	8,805,481	8/12/2014
SYSTEM FOR NON-INVASIVE HEART TREATMENT	14/189,668	United States	02/25/14	9,907,978	3/6/2018
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	14/624,056	United States	02/17/15	9,968,801	5/15/2018
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	14/752,442	United States	06/26/15		
APPARATUS AND METHOD FOR REAL-TIME TRACKING OF TISSUE STRUCTURES	14/854,274	United States	09/15/15		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	14/930,419	United States	11/02/15	9,504,853	11/29/2016

Title	Application No.	Country	Filing Date	Patent No.	Issue date
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	15/357,804	United States	11/21/16		
SYSTEM FOR NON- INVASIVE HEART TREATMENT	15/881,517	United States	01/26/18		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	15/940,783	United States	03/29/18		
RENOVASCULAR TREATMENT DEVICE, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING HYPERTENSION	16/014,978	United States	06/21/18		
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	16/017,923	United States	06/25/18		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	16/194,751	United States	11/19/18		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	16/194,964	United States	11/19/18		
RENOVASCULAR TREATMENT DEVICE, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING HYPERTENSION	16/272,948	United States	02/11/19		
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	16/273,932	United States	02/12/19		
NON-INVASIVE HEART TREATMENT	60/438,876	United States	01/08/03		
NON-INVASIVE HEART TREATMENT	60/445,716	United States	02/07/03		

Title	Application No.	Country	Filing Date	Patent No.	Issue date
METHOD FOR NON-INVASIVE LUNG TREATMENT	60/512,957	United States	10/20/03		
DEPOSITING RADIATION IN HEART MUSCLE UNDER ULTRASOUND GUIDANCE	60/879,654	United States	01/09/07		
METHOD FOR DEPOSITING RADIATION IN HEART MUSCLE	60/879,724	United States	01/09/07		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	60/918,540	United States	03/16/07		
RADIOSURGICAL ABLATION OF THE MYOCARDIUM	60/975,373	United States	09/26/07		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	61/036,865	United States	03/14/08		
TEST OBJECT FOR THE VALIDATION OF TRACKING IN THE PRESENCE OF MOTION	61/116,988	United States	11/21/08		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	61/226,613	United States	07/17/09		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	61/271,177	United States	07/17/09		
RENOVASCULAR TREATMENT DEVICE, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING HYPERTENSION	61/483,962	United States	05/09/11		

Title	Application No.	Country	Filing Date	Patent No.	Issue date
HYPERTENSION TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	61/746,738	United States	12/28/12		
SYSTEMS AND METHODS FOR INTEGRATION OF IMAGES TO FACILITATE SURGERY	61/766,448	United States	02/19/13		
APPARATUS AND METHOD FOR REAL-TIME TRACKING OF TISSUE STRUCTURES	61/799,889	United States	03/15/13		

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HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	2010274004	Australia	07/16/10		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	201080037057.9	China	07/19/10		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	201080039876.7	China	07/16/10		
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	201380071673.X	China	12/20/13	ZL201380071673	12/13/2019
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	13867516	European Patent	12/20/2013		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	10800636.2	European Patent	07/16/10		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	10800662.8	European Patent	07/19/10		
RENOVASCULAR TREATMENT DEVICE, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING	12782248.4	European Patent	05/09/12		

Title	Application No.	Country	Filing Date	Patent No.	Issue date
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BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	13867516.0	European Patent	12/20/13	2938399	4/15/2020
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	12110672.0	Germany	7/16/2010	602013068047.7	4/15/2020
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	12110471.3	Hong Kong	7/19/2010		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	12110672.0	Hong Kong	07/16/10		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	12110741.3	Hong Kong	07/19/10		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	2012-520824	Japan	07/16/10		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	2012-520835	Japan	07/19/10		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	2015-113140	Japan	07/16/10		
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	2015-550705	Japan	12/20/13		

Title	Application No.	Country	Filing Date	Patent No.	Issue date
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	2017-169759	Japan	07/16/10		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	2020-069549	Japan	7/16/10		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	10-2012-7004023	Korea, Republic of	07/19/10		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	10-2012-7004281	Korea, Republic of	07/16/10		
NON-INVASIVE HEART TREATMENT DEVICE	PCT/US2004/000503	Patent Cooperation Treaty	01/08/04		
METHOD FOR DEPOSITING RADIATION IN HEART MUSCLE	PCT/US2008/050652	Patent Cooperation Treaty	01/09/08		
DEPOSITING RADIATION IN HEART MUSCLE UNDER ULTRASOUND GUIDANCE	PCT/US2008/050656	Patent Cooperation Treaty	01/09/08		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	PCT/US2008/057133	Patent Cooperation Treaty	03/14/08		
RADIOSURGICAL ABLATION OF THE MYOCARDIUM	PCT/US2008/077816	Patent Cooperation Treaty	09/26/08		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	PCT/US2009/036980	Patent Cooperation Treaty	03/12/09		

Title	Application No.	Country	Filing Date	Patent No.	Issue date
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	PCT/US2009/037298	Patent Cooperation Treaty	03/16/09		
TEST OBJECT FOR THE VALIDATION OF TRACKING IN THE PRESENCE OF MOTION	PCT/US2009/062395	Patent Cooperation Treaty	10/28/09		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	PCT/US2010/042344	Patent Cooperation Treaty	07/16/10		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	PCT/US2010/042439	Patent Cooperation Treaty	07/19/10		
RENOVASCULAR TREATMENT DEVICE, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING HYPERTENSION	PCT/US2012/000241	Patent Cooperation Treaty	05/09/12		
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	PCT/US2013/077176	Patent Cooperation Treaty	12/20/13		
APPARATUS AND METHOD FOR REAL-TIME TRACKING OF TISSUE STRUCTURES	PCT/US2014/027367	Patent Cooperation Treaty	03/14/14		
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	13867516	United Kingdom	8/29/2003	2938399	4/15/2020
METHOD FOR NON-INVASIVE HEART TREATMENT	10/651,764	United States	08/29/03	6,889,695	5/10/2005
METHOD FOR NON-INVASIVE LUNG TREATMENT	10/969,221	United States	10/19/04		
SYSTEM FOR NON-INVASIVE HEART TREATMENT	11/080,318	United States	03/14/05	7,645,276	1/12/2010

Title	Application No.	Country	Filing Date	Patent No.	Issue date
DEPOSITING RADIATION IN HEART MUSCLE UNDER ULTRASOUND GUIDANCE	11/971,399	United States	01/09/08		
METHOD FOR DEPOSITING RADIATION IN HEART MUSCLE	11/971,725	United States	01/09/08		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	12/077,016	United States	03/14/08		
RADIOSURGICAL ABLATION OF THE MYOCARDIUM	12/238,809	United States	09/26/08	8,315,691	11/20/2012
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	12/403,198	United States	03/12/09		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	12/404,881	United States	03/16/09	7,953,204	5/31/2011
TEST OBJECT FOR THE VALIDATION OF TRACKING IN THE PRESENCE OF MOTION	12/621,777	United States	11/19/09	8,792,613	7/29/2014
SYSTEM FOR NON-INVASIVE HEART TREATMENT	12/637,458	United States	12/14/09	8,696,658	4/15/2014
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	12/838,113	United States	07/16/10	8,784,290	7/22/2014
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	12/838,308	United States	07/16/10	9,205,279	12/08/2015

Title	Application No.	Country	Filing Date	Patent No.	Issue date
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	12/900,717	United States	10/08/10	8,345,821	1/1/2013
RENOVASCULAR TREATMENT DEVICE, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING HYPERTENSION	13/506,658	United States	05/09/12		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	13/619,064	United States	09/14/12		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	13/619,509	United States	09/14/12	9,320,916	4/26/2016
RADIOSURGICAL ABLATION OF THE MYOCARDIUM	13/619,545	United States	09/14/12	8,805,481	8/12/2014
SYSTEM FOR NON-INVASIVE HEART TREATMENT	14/189,668	United States	02/25/14	9,907,978	3/6/2018
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	14/624,056	United States	02/17/15	9,968,801	5/15/2018
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	14/752,442	United States	06/26/15		
APPARATUS AND METHOD FOR REAL-TIME TRACKING OF TISSUE STRUCTURES	14/854,274	United States	09/15/15		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	14/930,419	United States	11/02/15	9,504,853	11/29/2016

Title	Application No.	Country	Filing Date	Patent No.	Issue date
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	15/357,804	United States	11/21/16		
SYSTEM FOR NON- INVASIVE HEART TREATMENT	15/881,517	United States	01/26/18		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	15/940,783	United States	03/29/18		
RENOVASCULAR TREATMENT DEVICE, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING HYPERTENSION	16/014,978	United States	06/21/18		
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	16/017,923	United States	06/25/18		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	16/194,751	United States	11/19/18		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	16/194,964	United States	11/19/18		
RENOVASCULAR TREATMENT DEVICE, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING HYPERTENSION	16/272,948	United States	02/11/19		
BLOOD-TISSUE SURFACE BASED RADIOSURGICAL RENAL TREATMENT PLANNING	16/273,932	United States	02/12/19		
NON-INVASIVE HEART TREATMENT	60/438,876	United States	01/08/03		
NON-INVASIVE HEART TREATMENT	60/445,716	United States	02/07/03		

Title	Application No.	Country	Filing Date	Patent No.	Issue date
METHOD FOR NON-INVASIVE LUNG TREATMENT	60/512,957	United States	10/20/03		
DEPOSITING RADIATION IN HEART MUSCLE UNDER ULTRASOUND GUIDANCE	60/879,654	United States	01/09/07		
METHOD FOR DEPOSITING RADIATION IN HEART MUSCLE	60/879,724	United States	01/09/07		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	60/918,540	United States	03/16/07		
RADIOSURGICAL ABLATION OF THE MYOCARDIUM	60/975,373	United States	09/26/07		
RADIATION TREATMENT PLANNING AND DELIVERY FOR MOVING TARGETS IN THE HEART	61/036,865	United States	03/14/08		
TEST OBJECT FOR THE VALIDATION OF TRACKING IN THE PRESENCE OF MOTION	61/116,988	United States	11/21/08		
HEART TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	61/226,613	United States	07/17/09		
HEART TREATMENT KIT, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING ARRHYTHMIA	61/271,177	United States	07/17/09		
RENOVASCULAR TREATMENT DEVICE, SYSTEM, AND METHOD FOR RADIOSURGICALLY ALLEVIATING HYPERTENSION	61/483,962	United States	05/09/11		

Title	Application No.	Country	Filing Date	Patent No.	Issue date
HYPERTENSION TISSUE SURFACE CONTOUR-BASED RADIOSURGICAL TREATMENT PLANNING	61/746,738	United States	12/28/12		
SYSTEMS AND METHODS FOR INTEGRATION OF IMAGES TO FACILITATE SURGERY	61/766,448	United States	02/19/13		
APPARATUS AND METHOD FOR REAL-TIME TRACKING OF TISSUE STRUCTURES	61/799,889	United States	03/15/13		