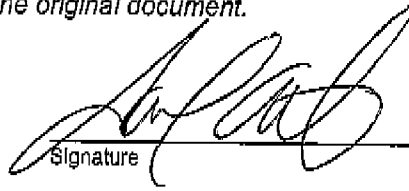


Substitute Form PTO-1595
Attorney Docket No.: 10527-783001

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): Cardiovascular Imaging Systems, Inc. Additional name(s) attached? ☐ Yes ☒ No	2. Name and address of receiving party(ies): Boston Scientific Technology, Inc. Maple Grove, MN Additional names/addresses attached? ☐ Yes ☒ No
3. Nature of conveyance: ☒ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other: Execution Date: 07/01/1995	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s).: 10/691,900 10/778,988 11,383,445 B. Patent No(s).: See attached Schedule A Additional numbers attached? ☐ Yes ☒ No	
5. Name/address of party to whom correspondence concerning document should be mailed: TIMOTHY A. FRENCH Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110	6. Total number of applications/patents involved: 51 7. Total fee (37 CFR §3.41): \$2040 ☐ Enclosed ☒ Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>	
Timothy A. French Reg. No. 30,175 Name of Person Signing	 Signature November 1, 2006 Date
Total number of pages including coversheet, attachments and document: 11	

21468388.doc

CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

November 1, 2006
Date of Transmission

Signature

Timothy A. French
Typed Name of Person Signing Certificate

PATENT

700295063

REEL: 018463 FRAME: 0675

CH \$2040.00 061050 10691900

Schedule A

4,841,977	27-Jun-89
5,313,949	24-May-94
5,676,151	14-Oct-97
5,582,178	10-Dec-96
5,665,178	02-Feb-99
5,651,364	29-Jul-97
6,221,015	24-Apr-01
5,049,130	17-Sep-91
5,115,814	26-May-92
5,010,886	30-Apr-91
5,203,338	20-Apr-93
5,976,093	02-Nov-99
5,054,492	08-Oct-91
5,100,424	31-Mar-92
5,402,790	04-Apr-95
5,507,292	16-Apr-96
5,569,276	29-Oct-96
5,895,397	20-Apr-99
5,069,664	03-Dec-91
5,997,523	07-Dec-99
6,234,971	22-May-01
6,730,037	04-May-04
5,364,347	15-Nov-94
5,941,870	24-Aug-99
6,264,632	24-Jul-01
6,712,783	30-Mar-04
5,570,693	05-Nov-96
5,799,655	01-Sep-98
5,361,768	08-Nov-94
5,373,849	20-Dec-94
5,485,846	23-Jan-96
5,363,850	15-Nov-94
5,531,700	02-Jul-96
5,724,977	10-Mar-98
5,879,305	09-Mar-99
5,682,897	04-Nov-97
5,749,848	12-May-98
5,592,942	14-Jan-97
5,759,153	02-Jun-98
5,707,354	13-Jan-98
5,823,992	20-Oct-98
5,830,145	03-Nov-98
5,724,978	10-Mar-98
6,074,362	13-Jun-00
7,044,964	16-May-06
6,013,030	11-Jan-00
6,193,736	27-Feb-01
6,409,672	25-Jun-02

Tab 4C
01194/329001

GENERAL ASSIGNMENT OF PATENTS AND OTHER TECHNOLOGY FROM
CARDIOVASCULAR IMAGING SYSTEMS, INC. to
BOSTON SCIENTIFIC TECHNOLOGY, INC.

WHEREAS, Cardiovascular Imaging Systems, Inc. a California corporation, having a principal place of business at Sunnyvale, California (hereinafter "Assignor"), owns "Patent Rights" relating to medical or surgical devices, equipment or supplies or their manufacture, distribution or use, or to medical and surgical procedures or otherwise arising from the past research and development efforts of Assignor prior to July 1, 1995;

WHEREAS, "Patent Rights" as used herein means United States and foreign patents, utility models and designs, and applications therefor currently pending or hereafter filed, and any divisional, continuation, or continuation-in-part applications to the extent based on currently existing inventions, any patents or registrations resulting from any of the foregoing, and patents of addition, reissues and extensions of any of the patents or registrations identified above

WHEREAS many of Assignor's Patent Rights are identified in Appendix A hereto;

WHEREAS, Assignor owns "Other Technology" which means and includes any and all copyrights, inventions, secret and confidential information know how, data, specifications, process technology, designs, computer programs (and source codes thereof) enhancements, updates, translations, adaptations, and other intangible property (whether or not patentable or copyrightable)

and whether or not in documentary form, relating to medical or surgical devices, equipment or supplies or their manufacture, distribution or use, or to medical and surgical procedures or otherwise arising from the past research and development efforts of Assignor prior to July 1, 1995;

WHEREAS, Boston Scientific Technology, Inc., a Minnesota corporation having a principal place of business at One SciMed Place, Maple Grove, Minnesota, 55311-1566, U.S.A. (hereinafter "Assignee"), desires to acquire and Assignor desires to assign the Patent Rights and all Other Technology of Assignor in a transaction intended by Assignor and Assignee to be treated as a tax free exchange under I.R.C. § 351;

NOW, THEREFORE, for and in consideration of (a) the transfer to Assignor of one or more shares of common stock of Assignee, and (b) the covenants by Assignee set forth below, the receipt and sufficiency of which are hereby acknowledged, Assignor does hereby sell, assign and transfer unto said Assignee, its successors and assigns, as of July 1, 1995, the entire right, title and interest worldwide of Assignor in and to the Patent Rights and all Other Technology, worldwide, including all rights to sue and to recover thereon, the same to be held and enjoyed by Assignee, its successors, assigns and other legal representatives as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment not been made.

To the extent that such can be freely assigned, this Assignment includes the benefit of any and all licenses,

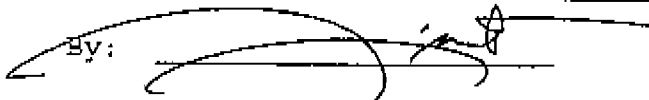
obligations or undertakings of any third party to Assignor in respect of the Patent Rights or Other Technology or the patent rights and technology of others and Assignee covenants to fulfill any and all responsibilities of Assignor appurtenant to any such license, obligation or undertaking of Assignor.

Assignor covenants to execute further documents and perform further acts requested by Assignee to carry out the terms and intent of this instrument.

It is agreed between Assignor and Assignee that, since Assignor directly or indirectly owns all of the common stock of Assignee, Assignor may waive the issuance of the aforesaid share(s) of stock in its sole discretion.

Executed as of the 1st day of July, 1995.

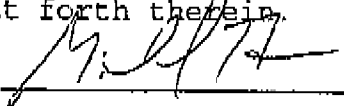
CARDIOVASCULAR IMAGING SYSTEMS, INC.

By: 

Name: Lawrence C. Best

Title: Vice President, Treasurer
and Chief Financial Officer

BOSTON SCIENTIFIC TECHNOLOGY, INC., a Minnesota corporation, hereby accepts the above General Assignment and covenants to perform all of Assignee's obligations set forth therein.

By: 

Name: Michael Berman

Title: Chief Executive Officer

144959.B11

#	Patent No.	Issue Date	Title	Inventor
1	4,764,031	01/03/89	CATHETER APPARATUS, SYSTEM AND METHOD FOR INTRAVASCULAR TWO-DIMENSIONAL ULTRASONOGRAPHY	Paul G. Yock
2	4,811,977	06/27/89	INTRAVASCULAR ACOUSTIC TRANSDUCER AND BALL COIN CATHETER USING SAME IN IMAGING ARRAY SUBASSEMBLY	James M. Griffin et al
3	4,816,737	02/13/90	ULTRASOUND IMAGING PROBE WITH ZERO DEAD SPACE	Joseph L. Pope et al
4	5,008,185	03/11/91	METHOD FOR INTRAVASCULAR TWO-DIMENSIONAL ULTRASONOGRAPHY AND RECANALIZATION	Paul G. Yock
5	5,010,436	04/23/91	MEDICAL PROBE ASSEMBLY HAVING COMBINED ULTRASONIC IMAGING AND LASER ABLATION CAPABILITIES	James D. Passafium et al
6	5,024,324	06/18/91	ULTRASONIC IMAGING CATHETER WITH GUIDEWIRE CHANNEL	James J. Leary
7	5,071,518	07/09/91	LASER CATHETER WITH IMAGING CAPABILITY	Paul G. Yock
8	5,084,120	03/17/91	SYSTEM AND METHOD FOR PRESSURE FILLING OF CATHETERS	Philip E. Powell
9	5,054,692	10/08/91	ULTRASONIC IMAGING CATHETER HAVING ROTATIONAL IMAGE CORRELATION	Robert M. Scribner et al
10	5,067,644	12/03/91	INTRAVASCULAR ULTRASONIC ANGIOPLASTY PROBE	Joe F. Quess et al
11	5,083,911	03/17/92	GUIDEWIRE WITH IMAGING CAPABILITY	Mark L. Pomerantz
12	5,100,024	03/21/92	INTRAVASCULAR CATHETER HAVING COMBINED IMAGING ABRASION HEAD	Jiang et al
13	5,108,411	04/28/92	FLEXIBLE CATHETER DRIVE CABLE	John R. McKenzie
14	5,111,814	05/26/92	INTRAVASCULAR ULTRASONIC IMAGING PROBE AND METHODS OF USING SAME	James M. Griffin et al
15	5,117,311	06/02/92	VASCULAR CATHETER HAVING TANDEN IMAGING AND DILATATION COMPONENTS	Yun-Teh Jang et al
16	5,101,318	04/13/93	GUIDE WIRE RECEPTACLE FOR CATHETERS HAVING RIGID HOUSINGS	Mark L. Pomerantz et al
17	5,103,338	04/20/93	VASCULAR CATHETER HAVING LOW-PROFILE DISTAL END	Yun-Teh Jang
18	5,105,235	05/11/93	ULTRASONIC IMAGING CATHETER ASSEMBLY AND METHOD FOR IDENTIFICATION OF THE SAME	Yun-Teh Jang
19	5,115,448	05/24/94	METHOD AND APPARATUS FOR INTRAVASCULAR TWO-DIMENSIONAL ULTRASONOGRAPHY	Asaf F. Oshken et al
20	5,116,408	05/24/94	EXPANDABLE MEMBER FOR A CATHETER SYSTEM	Paul G. Yock
21	5,241,017	09/20/94	DRIVE SHAFT FOR AN INTRAVASCULAR CATHETER SYSTEM	Stephen M. Salomon
22	5,361,768	11/08/94	AUTOMATED LONGITUDINAL POSITION TRANSLATOR FOR ULTRASONIC IMAGING PROBES, AND METHODS OF USING SAME	Peter Thornton et al
23	5,367,469	11/15/94	EMBRACING INTRAVASCULAR ULTRASONIC BLOOD VESSEL IMAGE	Webster et al
24	5,383,850	11/15/94	METHOD FOR RECOGNITION AND REDUCTION OF BLOOD SPECKLE IN BLOOD VESSEL IMAGING SYSTEM	Veja Suresh et al
25	5,372,848	12/20/94	FORWARD VIEWING IMAGING CATHETER	Bobby Sore et al
26	5,331,460	01/24/95	METHOD AND APPARATUS FOR ULTRASOUND IMAGING AND ARTHERECTOMY	John F. Maroney et al
27	5,421,324	06/06/95	PRE-FILLED IMAGING CATHETER	Yun-Teh Jang et al

#	Appln No.	Filing Date	Title	Inventor
1	07/693,900	10/18/99	A METHOD FOR INTRAVASCULAR TWO-DIMENSIONAL ULTRASONOGRAPHY AND RECALIBRATION	Yock
2	07/774,679	10/18/99	ANGIOPLASTY APPARATUS FACILITATING RAPID EXCHANGE AND METHOD	Paul G. Yock
3	07/842,613	09/27/99	INTRAVASCULAR CATHETER HAVING COMBINED IMAGING ABRASION HEAD	Jang et al
4	07/797,977	11/02/99	ANGIOPLASTY APPARATUS FACILITATING RAPID EXCHANGE AND METHOD	Paul G. Yock
5	07/976,769	11/13/99	VASCULAR CATHETER HAVING LOW-PROFILE DISTAL END	Jang
6	09/059,649	07/28/99	TRACKING TIP FOR A WORK ELEMENT IN A CATHETER SYSTEM	Salmon et al
7	09/123,370	09/17/99	ANGIOPLASTY APPARATUS FACILITATING RAPID EXCHANGE AND METHOD	Paul G. Yock
8	08/166,412	12/03/99	METHOD AND APPARATUS FOR INTRAVASCULAR TWO-DIMENSIONAL ULTRASONOGRAPHY	Yock
9	08/183,468	01/18/99	INTRAVASCULAR CATHETER HAVING AN ENCLOSED PROXIMAL END AND A REDUCED PROFILE DISTAL REGION	Ginn et al
10	08/186,165	01/26/99	DRIVE CABLE HAVING INTERNAL LEAD WIRES	Salmon et al
11	08/201,101	02/24/99	IMPROVED TRACKING TIP FOR A SHORT LUMEN RAPID EXCHANGE CATHETER	Stoess et al
12	08/202,665	03/08/99	LOW PROFILE TRANSDUCER FOR INTRAVASCULAR ULTRASOUND IMAGING AND METHOD FOR MOUNTING	Jang
13	08/224,346	04/07/99	VASCULAR CATHETER HAVING LOW-PROFILE DISTAL END	Jang et al
14	08/271,876	07/07/99	RAPID EXCHANGE DELIVERY CATHETER	Moore
15	08/282,854	07/26/99	CONVERTIBLE TIP CATHETERS AND SHEATHS	Webster et al
16	08/285,369	08/04/99	AUTOMATED LONGITUDINAL POSITION TRANSLATOR FOR ULTRASOUND IMAGING PROBES, AND METHODS OF USING SAME	Ginn
17	08/285,396	08/05/99	GUIDE WIRE EXIT PORT	Jang
18	08/291,216	08/16/99	CATHETER SYSTEM HAVING A BALLOON ANGIOPLASTY DEVICE DISPOSED OVER A WORK	Jang et al
19	08/393,831	08/22/99	INTRAVASCULAR CATHETER HAVING COMBINED IMAGING ABRASION HEAD AND METHOD	Belief
20	08/332,867	10/13/99	TRANSDUCER FOR INTRALUMINAL ULTRASOUND IMAGING CATHETER WITH PROVISION FOR ELECTRICAL ISOLATION OF TRANSDUCER FROM THE CATHETER	Soni et al
21	08/400,478	11/15/99	METHOD FOR RECOGNITION AND REDUCTION OF BLOOD SPECKLE IN BLOOD VESSEL IMAGING SYSTEM	Soni et al
22	08/400,480	11/15/99	METHOD FOR ENHANCING INTRAVASCULAR ULTRASOUND BLOOD VESSEL IMAGE	Yoo-Teh Jang et al
23	08/356,528	12/15/99	METHOD AND APPARATUS FOR ULTRASOUND IMAGING AND ARTIERYCTOMY	Pontranz
24	08/400,418	03/02/99	GUIDE WIRE WITH IMAGING CAPABILITY	Pontranz
25	08/400,418	03/02/99	GUIDE WIRE WITH IMAGING CAPABILITY	Pontranz
26	08/423,889	04/17/99	COMPLIANT CATHETER LUMEN AND METHODS	Salmon et al
27	08/467,374	06/06/99	METHOD AND APPARATUS FOR INTRAVASCULAR TWO-DIMENSIONAL ULTRASONOGRAPHY	Yock
28	08/467,460	06/06/99	METHOD AND APPARATUS FOR ULTRASOUND IMAGING AND ARTERECTOMY	Jang et al
29	08/481,003	06/06/99	METHOD AND APPARATUS FOR INTRAVASCULAR TWO-DIMENSIONAL ULTRASONOGRAPHY	Yock
30	08/488,254	06/06/99	INTRAVASCULAR CATHETER HAVING COMBINED IMAGING ABRASION HEAD	Jang et al
31	08/485,888	06/06/99	ANGIOPLASTY APPARATUS FACILITATING RAPID EXCHANGE AND METHOD	Yock
32	08/478,763	06/06/99	METHOD AND APPARATUS FOR INTRAVASCULAR ULTRASONOGRAPHY	Yock
33	08/470,673	06/06/99	ROTATIONAL CORRELATION OF INTRAVASCULAR ULTRASOUND IMAGE WITH GUIDE CATHETER POSITION	Yock et al
34	08/494,244	07/06/99	INTRAVASCULAR DEVICE SUCH AS INTRODUCER SHEATH OR BALLOON CATHETER OR THE LIKE AND METHODS FOR USE THEREOF	Willard et al

#	Patent No.	Country	Issue Date	Title
1	611,216	AU	05/26/92	ULTRASOUND IMAGING PROBE
2	645,714	AU	03/14/94	ULTRASOUND IMAGING PROBE
3	1,322,329	CA	09/11/93	ULTRA-THIN ACOUSTIC TRANSDUCER AND BALLOON CATHETER USING SAME IN IMAGING ARRAY SUBASSEMBLY

#	Appln No.	Country	Filing Date	Title
1	2053513.3	CA	05/20/91	INTRAVASCULAR CATHETER HAVING COMBINED IMAGING ABRASIONS HEAD
2	501651089	JP	01/04/89	ULTRASOUND IMAGING PROBE
3	6028651934	JP	06/29/93	AUTOMATED LONGITUDINAL POSITION TRANSLATOR FOR ULTRASONIC IMAGING PROBES AND METHODS OF USING SAME
4	604786188	JP	03/18/96	ULTRA-THIN ACOUSTIC TRANSDUCER AND BALLOON CATHETER USING SAME IN IMAGING ARRAY SUBASSEMBLY
5	6073229	DK	01/04/89	ULTRASOUND IMAGING PROBE
6	60513364.7	EP	08/17/90	INTRAVASCULAR ULTRASONIC IMAGING PROBE
7	6099561991	JP	05/20/91	INTRAVASCULAR CATHETER HAVING COMBINED IMAGING ABRASIONS HEAD
8	612514750	JP	08/17/90	INTRAVASCULAR ULTRASONIC IMAGING PROBE
9	83901768.3	EP	01/04/88	ULTRASOUND IMAGING PROBE
10	91910480.5	EP	05/20/91	INTRAVASCULAR CATHETER HAVING COMBINED IMAGING ABRASIONS HEAD
11	93915983.5	EP	06/29/93	AUTOMATED LONGITUDINAL POSITION TRANSLATOR FOR ULTRASONIC IMAGING PROBES AND METHODS OF USING SAME
12	PCT/US93/03521	PCT	05/20/91	INTRAVASCULAR CATHETER HAVING COMBINED IMAGING ABRASIONS HEAD
13	PCT/US93/06360	PCT	06/29/93	AUTOMATED LONGITUDINAL POSITION TRANSLATOR FOR ULTRASONIC IMAGING PROBES AND METHODS OF USING SAME

U.S. PATENTS TO BE ASSIGNED TO CVIS

P.	Patent No.	Issue Date	Title	Assignee	Inventor
1	5,330,444	07/19/94	CATHETER TIP WITH A LOW FRICTION LINING AND METHOD OF USE	InterTherapy	William C. Weber et al