504645389 11/16/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4692109

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KATHERINE L. BALDWIN	10/04/2017
JAMES P. ROHL	10/13/2017
JAMES K. CAWTHRA JR.	09/21/2017
DANIEL SHUEY	09/21/2017
DALE GROTH	10/30/2017

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: 1

Property Type	Number
Application Number:	15678327

CORRESPONDENCE DATA

Fax Number: (612)359-9349

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.

Phone: 612 677-9050

Email: katie.hobday@stwiplaw.com, docketing@stwiplaw.com

Correspondent Name: SEAGER, TUFTE & WICKHEM, LLP

Address Line 1: 100 SOUTH 5TH STREET

Address Line 2: SUITE 600

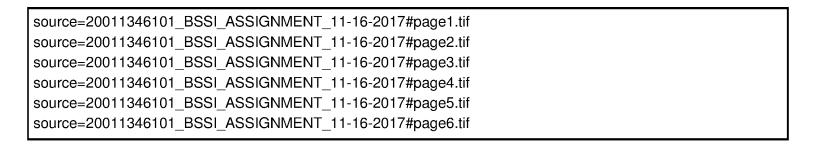
Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	2001.1346101
NAME OF SUBMITTER:	KATIE HOBDAY
SIGNATURE:	/Katie Hobday/
DATE SIGNED:	11/16/2017
	•

Total Attachments: 6

PATENT REEL: 044149 FRAME: 0196

504645389



Attorney Docket No.:
2001.1346101
Page 1 of 2
Client Ref. No.:
16-0189US01
Title:
HEART VALVE REGURGITATION ANCHOR

AND DELIVERY TOOL

ASSIGNMENT

WHEREAS, we, Katherine L. Baldwin, James P. Rohl, James K. Cawthra, Jr., Danile Shuey and Dale Groth, have invented certain new and useful improvements as described in U.S. patent application, entitled HEARY VALVE REGURGITATION ANCHOR AND DELIVERY TOOL, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. 15/678,327 filed August 16, 2017 ("Invention"); and

WHEREAS, BOSTON SCIENTIFIC SCIMED, INC., a Corporation of the State of Minnesota, and having an address of One Scimed Place, Maple Grove, Minnesota 55311, USA, (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention:

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Inventor's Signature: Katherine L. Baldwin	Natha Palla	Date: <u>10/4/2017-</u>
Inventor's Signature: James P. Rohl		Date:
Inventor's Signature: James K. Cawthra, Jr.		Date:

Attorney Docket No.: 2001.1346101	Page 1 of 2	
Client Ref. No.:		
16-0189US01		
Title:		
HEART VALVE REGURGITATION ANCHOR		
AND DELIVERY TOOL		

ASSIGNMENT

WHEREAS, we, Katherine L. Baldwin, James P. Rohl, James K. Cawthra, Jr., Danile Shuey and
Dale Groth, have invented certain new and useful improvements as described in U.S. patent application, entitled
HEART VALVE REGURGITATION ANCHOR AND DELIVERY TOOL, the application having been
executed on even date herewith, and/or being identified in the United States Patent and Trademark Office
("USPTO") by Application No. 15/678,327 filed August 16, 2017 ("Invention"); and

WHEREAS, BOSTON SCIENTIFIC SCIMED, INC., a Corporation of the State of Minnesota, and having an address of One Scimed Place, Maple Grove, Minnesota 55311, USA, (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention:

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Inventor's Signature: Katherine L. Baldwin		P.	Date:	
Inventor's Signature: James P. Rohl	James	Roh Digitally signed by James Rohl Div. cn-James Rohl, o-Bloston Scientific Comportation, quadresenth and Development, email-james.nohl@bst.ch.cm, c=1/5 Date: 2017.10.13 12.09:13-05'00'	Date:	10-13-2017
Inventor's Signature: James K. Cawthra, Jr.			Date:	

Attorney Docket No.:
2001.1346101

Client Ref. No.:
16-0189US01

Title:
HEART VALVE REGURGITATION ANCHOR
AND DELIVERY TOOL

ASSIGNMENT

WHEREAS, we, Katherine L. Baldwin, James P. Rohl, James K. Cawthra, Jr., Danile Shuey and
Dale Groth, have invented certain new and useful improvements as described in U.S. patent application, entitle
HEART VALVE REGURGITATION ANCHOR AND DELIVERY TOOL, the application having been
executed on even date herewith, and/or being identified in the United States Patent and Trademark Office
("USPTO") by Application No. 15/678,327 filed August 16, 2017 ("Invention"); and

WHEREAS, BOSTON SCIENTIFIC SCIMED, INC., a Corporation of the State of Minnesota, and having an address of One Scimed Place, Maple Grove, Minnesota 55311, USA, (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention:

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Inventor's Signature:Katherine L. Baldwin	Date:
Inventor's Signature: James P. Rohl	Date:
Inventor's Signature: James K. Cawthra, Jr.	Date: 2/5EP2017

Attorney Docket No.:
2001.1346101

Client Ref. No.:
16-0189US01

Title:
HEART VALVE REGURGITATION ANCHOR
AND DELIVERY TOOL

ASSIGNMENT

. D3 160ct2017

WHEREAS, we, Katherine L. Baldwin, James P. Rohl, James K. Cawthra, Jr., Danile Shuey and Date Groth, have invented certain new and useful improvements as described in U.S. patent application, entitled HEART VALVE REGURGITATION ANCHOR AND DELIVERY TOOL, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office ("USPTO") by Application No. 15/678,327 filed August 16, 2017 ("Invention"); and

WHEREAS, BOSTON SCIENTIFIC SCIMED, INC., a Corporation of the State of Minnesota, and having an address of One Scimed Place, Maple Grove, Minnesota 55311, USA, (together with its successors and assigns, the "Assignee"), seeks to memorialize its ownership of the entire right, title and interest in and to the Invention;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, I transfer to Assignee my entire right, title, and interest in and to the Invention, including all inventions disclosed or claimed in the above-identified patent application, including any improvements thereof, any corresponding domestic applications (e.g., provisional, non-provisional, divisional, continuation, continuation-in-part, reexamination, and/or reissue patent), any corresponding foreign applications, all patents issuing thereon, or other patent application based off or claiming priority to the above-identified patent application, and all rights and benefits under any applicable treaty or convention. I authorize the USPTO (or foreign equivalent thereof) to issue any patent (or similar legal protection) to the Assignee.

I authorize the Assignee to insert in this instrument the filing date and application number of the application when ascertained. I hereby authorize the Assignee (or its designee) to apply for patent (or similar legal protection) in its own name if desired, in any and all countries.

I represent to the Assignee that I have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I agree when requested, without additional consideration, but at the expense of the Assignee, to provide additional reasonable assistance necessary to memorialize this assignment, to execute all oaths, declarations, assignments, powers of attorney and other papers necessary to perfect and vest title to the rights assigned herein to the Assignee; and will render all assistance in filing, obtaining, maintaining, and enforcing any patent (or similar legal protection) on the Invention in any and all countries.

DECLARATION

I have reviewed and understand the contents of the above-identified patent application including the claims, and I believe I am an original or an original joint inventor of a claimed invention in the above-identified patent application. The above-identified patent application was made or authorized to be made by me. I am aware of and acknowledge my duty to disclose to the USPTO all information known to me to be material to patentability of the claims in the above-identified patent application. I acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Inventor's Signature; Katherine L. Baldwin	Date:
Inventor's Signature: James P. Rohl	 Date;
Inventor's Signature: James K. Cawthra, Jr.	Date:

Attorney Docket No.:
2001.1346101

Client Ref. No.:
16-0189US01

Title:
HEART VALVE REGURGITATION ANCHOR
AND DRIJVERY TOOL

Inventor's Signature: Joseph A, Dearani	Date:
Inventor's Signature: Daniel Shuey	Date:
Inventor's Signature:	Date:

Attorney Docket No.:
2001.1346101

Client Ref. No.:
16-0189US01

Title:
HEART VALVE REGURGITATION ANCHOR
AND DELIVERY TOOL

Date:

Inventor's Signature: Joseph A. Dearani		Date:	
Inventor's Signature: Daniel Shuey		Date:	
Inventor's Signature: Dale Groth	-44//	Date:	103017

PATENT

RECORDED: 11/16/2017 REEL: 044149 FRAME: 0203