503822029 05/11/2016

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID ROBERT WULFMAN	03/07/2016
THOMAS A. WROBEL	03/07/2016
CRYSTAL MARIE ANDERSON-CUNANAN	04/19/2016
JOSEPH THOMAS DELANEY JR	04/25/2016
PATRICK WILLOUGHBY	03/29/2016
MARK W. BODEN	03/29/2016
PETER G. EDELMAN	03/07/2016
MICHAEL EPPIHIMER	03/07/2016

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:	15082382

CORRESPONDENCE DATA

Fax Number: (612)746-4781

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	115.0236USU1	
NAME OF SUBMITTER:	MARK E. DEFFNER	
SIGNATURE:	/Mark E. Deffner/	

503822029 PATENT REEL: 038551 FRAME: 0080

DATE SIGNED:	05/11/2016
Total Attachments: 9	
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PATENT REEL: 038551 FRAME: 0081

Attorney Docket No.: 115.0236USU1

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Client Ref. No.: 15-0066US01

Title: PROSTHETIC HEART VALVES HAVING

FIBER REINFORCED LEAFLETS

ASSIGNMENT

WHEREAS, I, David Robert Wulfman, Thomas A. Wrobel, Crystal Marie Anderson-Cunanan, Joseph Thomas Delaney Jr., Patrick Willoughby, Mark W. Boden, Peter G. Edelman, and Michael Eppihimer, have invented certain new and useful improvements as described in U.S. patent application entitled PROSTHETIC HEART VALVES HAVING FIBER REINFORCED LEAFLETS, 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. 15/082,382, filed March 28, 2016 ("Invention"); and

WHEREAS, Boston Scientific SciMed, Inc., a Corporation of the State of MN, and having an address of One SciMed Place, Maple Grove, MN 55311, United States of America (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.

PATENT REEL: 038551 FRAME: 0082

Date ____

Attorney Docket No.: 115.0236USU1

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Client Ref. No.: 15-0066US01

Title: PROSTHETIC HEART VALVES HAVING FIBER REINFORCED LEAFLETS

David Robert Wulfman

Date 3/7//6

Date _____

Crystal Marie Anderson-Cunanan

Date _____

Date ____

Patrick Willoughby

Mark W. Boden

Date _____

Date ____

Peter G. Edelman

Michael Eppihimer

Date

Date ____

Attorney Docket No.: 115.0236USU1

Page 2 of 2

Client Ref. No.: 15-0066US01

Title: PROSTHETIC HEART VALVES HAVING FIBER REINFORCED LEAFLETS

Date ____

Attorney Docket No.: 115,0236USU1

Page 2 of 2

Client Ref. No.: 15-0066US01

Title: PROSTHETIC HEART VALVES HAVING

David Robert Wulfman	Thomas A. Wrobel
Date	Date
JUMuil Julian Line Crystal Marie Anderson-Cunanan	Joseph Thomas Delaney Jr.
Date	Date
Patrick Willoughby	Mark W. Boden
Date	Date
Peter G. Edelman	Michael Tanikina
Peter G. Edelman	Michael Eppihimer

Attorney Docket No.: 115,0236USU1

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Client Ref. No.: 15-0066US01

Title: PROSTHETIC HEART VALVES HAVING FIBER REINFORCED LEAFLETS

David Robert Wulfman	Thomas A. Wrobel
Date	Date
Crystal Marie Anderson-Cunanan	Joseph Zhomas Delaney Jr.
Date	Date 2016.04.25
	2,000
Patrick Willoughby	Mark W. Boden
Date	Date
Peter G. Edelman	Michael Eppihimer
Date.	Date

Attorney Docket No.: 115.0236USU1

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Title: PROSTHETIC HEART VALVES HAVING

David Robert Wulfman	Thomas A. Wrobel
Date	Date
Crystal Marie Anderson-Cunanan	Joseph Thomas Delaney Jr.
Date	Date
Patrick Willoughby	Mark W. Boden
Date <u>\$\24/16</u>	Date
Peter G. Edelman	Michael Eppihimer
Date	Data

Attorney Docket No.: 115.0236USU1

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Title: PROSTHETIC HEART VALVES HAVING

David Robert Wulfman	Thomas A. Wrobel
Date	Date
Crystal Marie Anderson-Cunanan	Joseph Thomas Delaney Jr.
Date	Date
Patrick Willoughby	Mark W. Boden
Date	Date <u>Mar 29, 30</u> /6
Peter G. Edelman	Michael Eppihimer
Date	Date

Attorney Docket No.: 115.0236USU1

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Client Ref. No.: 15-0066US01

Title: PROSTHETIC HEART VALVES HAVING

David Robert Wulfman	Thomas A. Wrobel
Date	Date
Crystal Marie Anderson-Cunanan	Joseph Thomas Delaney Jr.
Date	Date
Patrick Willoughby	Mark W. Boden
Date	Date
P.S. Dum	
Peter G. Edelman	Michael Eppihimer
Date 4 May 2016	Date

RECORDED: 05/11/2016

Attorney Docket No.: 115,0236USU1

Page 2 of 2

Client Ref. No.: 15-0066US01

Title: PROSTHETIC HEART VALVES HAVING

FIBER REINFORCED LEAFLETS

David Robert Wulfman	Thomas A. Wrobel
Date	Date
Crystal Marie Anderson-Cunanan	Joseph Thomas Delaney Jr.
Date	Date
Patrick Willoughby	Mark W. Boden
Date	Date
	MullEAL
Peter G. Edelman	Michael Eppihimer
Date	Date 7 Mar 2016

PATENT REEL: 038551 FRAME: 0090