# 504441495 07/03/2017

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4488196

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYAN	ICE:	ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY DA	ATA				
		Name	Execution Date		
ZACH HELGESON			03/15/2017		
RYAN HENDRICKSON			03/15/2017		
BRAD SEIBERT			03/08/2017		
NEIL HAWKINSON			03/14/2017		
RECEIVING PARTY DA	ТА				
Name:	ST. JUDI	E MEDICAL, CARDIOLOGY DIVISION	N, INC.		
Street Address:	177 EAS	T COUNTY ROAD B			
City:	ST. PAU	L			
State/Country:	MINNES	ΟΤΑ			
Postal Code:	55117				
PROPERTY NUMBERS					
Property Type		Number			
Property Type Application Number:	1	<b>Number</b> 5462388			
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#### ASSIGNMENT

lyen by brick here to and the source of the WHEREAS, WE, Zach Helgeson of 7432 Elliot Avenue South, Richfield, Minnesota 55423; Ryan Hendrickson of 10647 56th Street NE, Albertville, Minnesota 55301; Brad Seibert of 2712 Colorado Avenue South, Saint Louis Park, Minnesota 55416; and Neil Hawkinson of 7334 149th Avenue, Ramsey, Minnesota 55303, hereinafter ASSIGNORS, have invented certain new and useful improvements in Circular catheter with non-circular shaping wire, for which United States patent application number 62/312,181 was filed on 23 March 2016;

> AND WHEREAS St. Jude Medical, Cardiology Division, Inc., a corporation organized and existing under the laws of the State of Delaware, and having a business address at 177 East County Road B, St. Paul, Minnesota 55117, hereinafter ASSIGNEE, is desirous of acquiring the entire right, title, and interest in, to, and under said invention, said application, and any and all patents to be obtained therefor throughout the world;

NOW, THEREFORE, for and in consideration of good and valuable consideration to us in hand paid by ASSIGNEE, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do hereby sell, assign, and transfer unto ASSIGNEE, its successors and assigns, our entire right, title, and interest in and to said invention, said application, all divisions, continuations, continuations-in-part, reissues, or renewals thereof, and said patents, both foreign and domestic, that may or shall issue, including all of our entire rights under any and all international conventions;

AND WE HEREBY authorize ASSIGNEE, its successors and assigns, or anyone it may properly designate, to apply for patents, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and otherwise take advantage of the provisions of any and all international conventions;

AND WE HEREBY authorize and request any official of any State whose duty consists of issuing patents, or other evidence or forms of any industrial property protection on any aforesaid application, to issue same to ASSIGNEE, its successors and assigns, in accordance herewith;

AND WE HEREBY covenant and agree with ASSIGNEE, its successors and assigns. that we have the full right to convey the entire interest assigned herein, and that we have not executed, and will not execute, any agreement in conflict herewith, and that we will not do any other act whatsoever conflicting with these presents, and that we or our successors, assigns, executors, or administrators will at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, its successors and assigns, communicate to ASSIGNEE, its successors and assigns, any facts known to ASSIGNORS respecting said invention, and testify in any legal proceedings, sign any lawful papers, execute any original, divisional, continuation, and continuation-in-part applications, make any rightful oaths or declarations, and generally do such additional acts as ASSIGNEE, its successors and assigns, may deem necessary or desirable to obtain and enforce proper protection for said invention throughout the world;

Assignors' Intials ZH / H / H W BS NH

AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 23 March 2016.

IN TESTIMONY WHEREOF, ASSIGNORS hereunto set their hands on the under-mentioned day and year, and deliver this Assignment.

Date: 15MAR/77 Zach Helgeson

Date: /SZUARami

Xyan Hendričkson

Date:

Brad Seibert

Date: 14/MAR2017

Neil Hawkinson

....

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place. personally appeared Zach Helgeson, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

HINNPIN PLYMOUTN MN (County/City/State)

SHEENA KRISTINE KRANZ NOTARY PUBLIC - MINNESOTA My Corpmission Expires Jan Lary 31, 2020

(Commission Expiry Date)

(Notary Public: Signature and Name)

Assignors' Igitials and the second I AH ZH  $\mathbb{RH}$ 38 NH

Page 2 of 3

PATENT REEL: 042881 FRAME: 0857

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Ryan Hendrickson, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed. Din Plymouth IAN SHEENA KRISTINE KRANZ NOTARY PURILIC - MINNESOTA My Commission Expires kenudry 31, 2020 (Commission Expiry Date) (Notary Public: Signature and

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Brad Seibert, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

(Date)

(County/City/State)

SEAL

(Commission Expiry Date) (Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Neil Hawkinson, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

3/14/2017	Hennepin/Plymouth/MN	
(Date)	(County/City/State)	
131/2020	MUNKErin,	MOTARY PUBLIC - MININESOTA My Commission Expires
(Commission Expiry Date)	V(Notary Public: Signature & Name)	Januarj 31, 2020

Assign	iors' Initia	ls /	1 NH	
ZH	RH	BS	NH	

Page 3 of 3

#### ASSIGNMENT

WHEREAS, WE, Zach Helgeson of 7432 Elliot Avenue South, Richfield, Minnesota 55423; Ryan Hendrickson of 10647 56th Street NE, Albertville, Minnesota 55301; Brad Seibert of 2712 Colorado Avenue South, Saint Louis Park, Minnesota 55416; and Neil Hawkinson of 7334 149th Avenue, Ramsey, Minnesota 55303, hereinafter ASSIGNORS, have invented certain new and useful improvements in Circular catheter with non-circular shaping wire, for which United States patent application number 62/312,181 was filed on 23 March 2016;

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NOW, THEREFORE, for and in consideration of good and valuable consideration to us in hand paid by ASSIGNEE, the receipt of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do hereby sell, assign, and transfer unto ASSIGNEE, its successors and assigns, our entire right, title, and interest in and to said invention, said application, all divisions, continuations, continuations-in-part, reissues, or renewals thereof, and said patents, both foreign and domestic, that may or shall issue, including all of our entire rights under any and all international conventions;

AND WE HEREBY authorize ASSIGNEE, its successors and assigns, or anyone it may properly designate, to apply for patents, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and otherwise take advantage of the provisions of any and all international conventions;

AND WE HEREBY authorize and request any official of any State whose duty consists of issuing patents, or other evidence or forms of any industrial property protection on any aforesaid application, to issue same to ASSIGNEE, its successors and assigns, in accordance herewith;

AND WE HEREBY covenant and agree with ASSIGNEE, its successors and assigns, that we have the full right to convey the entire interest assigned herein, and that we have not executed, and will not execute, any agreement in conflict herewith, and that we will not do any other act whatsoever conflicting with these presents, and that we or our successors, assigns, executors, or administrators will at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, its successors and assigns, communicate to ASSIGNEE, its successors and assigns, any facts known to ASSIGNORS respecting said invention, and testify in any legal proceedings, sign any lawful papers, execute any original, divisional, continuation, and continuation-in-part applications, make any rightful oaths or declarations, and generally do such additional acts as ASSIGNEE, its successors and assigns, may deem necessary or desirable to obtain and enforce proper protection for said invention throughout the world;



AND WE HEREBY FURTHER covenant and agree that this Assignment is effective as of 23 March 2016.

IN TESTIMONY WHEREOF, ASSIGNORS hereunto set their hands on the under-mentioned day and year, and deliver this Assignment.

Date:	Zach Helgeson	
Date:	Ryan Hendrickson	
Date: <u>8 MAROH 2017</u>	Brad Scibert	
Date:	Neil Hawkinson	
personally appeared Zach He evidence to be the person wh acknowledged to me that he	ME, a Notary Public in and for the under-mention elgeson, who proved to me on the basis of satisticose name is subscribed to the foregoing assign executed the same in his authorized capacity ar to of the same was a free will act and deed.	factory ment and
(Date)	(County/City/State)	
	Ś	EAL
(Commission Expiry Date)	(Notary Public: Signature and Name)	

Assignors' Initials //////Page 2 of 3 ZH RH BS NH

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Ryan Hendrickson, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

(Date)

(County/City/State)

SEAL

(Commission Expiry Date) (Notary Public: Signature and Name)

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Brad Seibert, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

Date) (County/City/State)

31 Janay 2020 Commission Expiry Date)

(Notary Public: Signature and Name)

JAMES CARL RADDE Notory Public State of Minnesota My Commission Explices January 31, 2020

TODAY, BEFORE ME, a Notary Public in and for the under-mentioned place, personally appeared Neil Hawkinson, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the foregoing assignment and acknowledged to me that he executed the same in his authorized capacity and acknowledged that execution of the same was a free will act and deed.

(Date)

(County/City/State)

(Commission Expiry Date) (Notary Public: Signature and Name)

**Assignors' Initials** Page 3 of 3 BS 7H RH NH

### PATENT REEL: 042881 FRAME: 0861

SEAL

## **RECORDED: 07/03/2017**