505417874 04/09/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5464664

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANIEL CASEY JOHNSON	04/13/2018
ERIC JASON KRAUSE	04/13/2018
DAVID J. GORAL	04/20/2018
JAY T. BREINDEL	04/20/2018
TYE JENSEN	05/01/2018
MARCO MONTI	04/19/2018

RECEIVING PARTY DATA

Name:	SMITHS MEDICAL ASD, INC.
Street Address:	6000 NATHAN LANE NORTH
City:	PLYMOUTH
State/Country:	MINNESOTA
Postal Code:	55442

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16378765

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	4176.275US02
NAME OF SUBMITTER:	VALERIE P. MITCHELL
SIGNATURE:	/Valerie P. Mitchell/
DATE SIGNED:	04/09/2019

PATENT 505417874 REEL: 048829 FRAME: 0415

Total Attachments: 7 source=4176.275US02 Assignment#page1.tif source=4176.275US02 Assignment#page2.tif source=4176.275US02 Assignment#page3.tif source=4176.275US02 Assignment#page4.tif source=4176.275US02 Assignment#page5.tif source=4176.275US02 Assignment#page6.tif source=4176.275US02 Assignment#page6.tif

PATENT REEL: 048829 FRAME: 0416

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, as the undersigned named inventor(s), have sold, assigned and transferred, and/or by these presents do hereby sell, assign and transfer my/our entire right, title and interest for all countries in and to all inventions disclosed in the application entitled

by .
<u> </u>
Daniel Casey Johnson, Eric Jason Krause, David J. Goral, Jay T. Breindel, Tye Jense
Marco Monti
unto the following Assignee:
Smiths Medical ASD, Inc.
with a principal place of business at
6000 Nathan Lane North, Plymouth, Minnesota 55442

For purposes of this assignment, Assignee shall include successors and assigns.

Such assignment in and to the application shall include any utility applications, design applications, divisional applications, continuation applications, continuation-in-part applications or any other applications entitled to claim priority thereto, all Letters Patent which may be granted therefrom, and all reissues, reexaminations, reviews, oppositions, certificates and/or extensions of such Letters Patent, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions including an assignment of all rights under the provisions of the Paris Convention for the Protection of Industrial Property and further including the right to sue, counterclaim and recover for past, present and future infringement of the rights assigned or to be assigned, as fully and entirely as the same would have been held by the undersigned if this assignment had not been made, and I/we do hereby authorize and request the Commissioner of Patents to issue the Letters Patent to Assignee.

I/We further authorize Assignee, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in the U.S. and any and all foreign countries, and additionally to claim priority to the filing date of the applications and otherwise take advantage of the provisions of the Paris Convention, and request the issuance of any and all Letters Patent for the inventions to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee.

I/We do hereby covenant and agree with Assignee, that I/we will not execute in writing or do any act whatsoever conflicting with these presents, and that I/we or my/our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of Assignee, make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to Assignee and its representatives all facts known to us relating to the inventions and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in Assignee, the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

I/We covenant and agree with Assignee that no assignment, grant, mortgage, license, option or other agreement affecting the rights and property herein conveyed has been made to others by me/us and that full right to convey the same as herein expressed is possessed by me/us.

I/We hereby authorize Assignee, or anyone it may properly designate, to insert the filing date, application number, title and any other indicia identifying the application herein when ascertained.

Delivery of this Assignment by copy, however transmitted, constitutes valid and effective delivery. This Assignment may be executed in one or more counterparts, each of which when so executed and delivered shall be an original, and such counterparts shall together constitute one and the same instrument.

PATENT REEL: 048829 FRAME: 0417

Patent Application Title: SPRING RETRACT IV CATHETER Country (or "PCT"): U.S. Application No.: 62/656,195 Filing Date: 4/11/2018 Inventor/Assignor: Legal Name of Inventor: Daniel Casey Johnson Inventor Signature: 4-13-2018 Date: Inventor Address: Minneapolis, MN Notary: Subscribed to and sworn to before me this 13 day of Dil **Notary Public** SUEANN R. SHALKOSKI Notary Public-Minnesota My Commission Expires Jan 31, 2020

Patent Application Title: SPRING RETRACT IV CATHETER Country (or "PCT"): U.S. Application No.: 62/656,195 Filing Date: 4/11/2018 Inventor/Assignor: Legal Name of Inventor: Eric Jason Krause Inventor Signature: Date: Inventor Address: Big Lake, Minnesota Notary: Subscribed to and swarn to before me this 120 day of SUEANN R. SHALKOSKI Notary Public-Minnesota My Commission Expression 31, 2020

Patent Application Title:	
SPRING RETRACT IV CATHETE	CR.
Country (or "PCT"): Application No.: Filing Date:	U.S. 62/656,195 4/11/2018
Inventor/Assignor:	
Legal Name of Inventor:	David J. Goral
Inventor Signature:	Jan Joan
Date:	4/20/18
Inventor Address:	Brookfield, CT
Notary: Subscribed to and sworn to before me this 20 day of	
Notary Seal	

SPRING RETRACT IV CATHETER Country (or "PCT"): U.S. Application No.: 62/656,195 Filing Date: 4/11/2018 Inventor/Assignor: Legal Name of Inventor: Jay T. Breindel Inventor Signature: 4/20/2018 Inventor Address: Branford, CT Notary: Subscribed to and sworn to before me this 0 day of 4011, 2013.	Patent Application Title:	
Application No.: Filing Date: Inventor/Assignor: Legal Name of Inventor: Jay T. Breindel Inventor Signature: Date: Inventor Address: Branford, CT Notary: Subscribed to and sworn to before	SPRING RETRACT IV CATHE	IEK
Application No.: Filing Date: Inventor/Assignor: Legal Name of Inventor: Jay T. Breindel Inventor Signature: Date: Inventor Address: Branford, CT Notary: Subscribed to and sworn to before	Country (or "PCT"):	U.S.
Filing Date: 4/11/2018 Inventor/Assignor: Legal Name of Inventor: Jay T. Breindel Inventor Signature: 4/120/2018 Date: 4/12018 Inventor Address: Branford, CT Notary: Subscribed to and sworn to before		62/656,195
Inventor Signature: Date: Inventor Address: Branford, CT Notary: Subscribed to and sworn to before		4/11/2018
Inventor Signature: Date: Inventor Address: Branford, CT Notary: Subscribed to and sworn to before	Inventor/Assignor:	
Date: 4/30/3018 Inventor Address: Branford, CT Notary: Subscribed to and sworn to before		Jay T. Breindel
Date: 4/30/3018 Inventor Address: Branford, CT Notary: Subscribed to and sworn to before		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
Date: 4/30/3018 Inventor Address: Branford, CT Notary: Subscribed to and sworn to before	Inventor Signature:	ARCH
Inventor Address: Branford, CT Notary: Subscribed to and sworn to before		
Notary: Subscribed to and sworn to before	Date:	4/20/2018
Subscribed to and sworn to before	Inventor Address:	Branford, CT
Subscribed to and sworn to before		
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me this 70 day of 7071 . 2073.		ière
Misa Sources	me this day of 101	⊥ <i>29,£</i> ∆.
1 / /////	Nin-	
Notary Public		
MY COMMISSION EXPIRES 3/31/2022 Notary Seal		

Patent Application Title: SPRING RETRACT IV CATHETER	
	U.S.
Country or "PCT": Application No.:	62/656,195
Filing Date:	4/11/2018
Inventor/Assignor:	
Legal Name of Inventor:	Tye Jensen
Introdes Cianatura.	(1)
Inventor Signature:	
Date:	01-May-2018
Inventor Address:	Golden Valley, MN
Notary:	
Subscribed to and sworn to before	
me this <u>O/</u> day of <u>May</u> , 20/8.	
<u> </u>	
W. K. Roboff	
Notary Public //	
Notary Seal WALTER K. ROLOFF Notary Rubito-Minnesota By Coronascot Expires Jan 91 7000	

Attorney Docket No. 4176,275US01PI Client Reference No. P4535US00

ASSIGNMENT (EXECUTION PAGE)

Patent Application Title: SPRING RETRACT IV CATHETER	
Country or "PCT": Application No.: Filing Date:	U.S. 62/656,195 4/11/2018
Inventor/Assignor: Legal Name of Inventor:	Marco Monti
Inventor Signature:	Mar Mand'
Date:	AGAMERIE
Inventor Address:	Latina, IT
Witnesses: Executed in my presence on this 17 day of 1271 , 2010 by the aforementioned individual knows to me to be the person named in this assignment. First Witness (Signature) Second Witness (Signature) First Witness Name (Typed or Printed) Second Witness Name (Typed or Printed)	

RECORDED: 04/09/2019