503848417 05/31/2016

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT3895065 Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER L. BAGLEY	11/23/2015
ALLEN D. JAMESON	12/19/2015
HILLARY K. HUSZAR	05/24/2016

RECEIVING PARTY DATA

Name: COVIDIEN LP	
Street Address: 15 HAMPSHIRE STREET	
City:	MANSFIELD
State/Country: MASSACHUSETTS	
Postal Code:	02048

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14925613

CORRESPONDENCE DATA

Fax Number: (303)581-6632

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: 303-530-2300

Email: SurgicalUS@covidien.com,

medtronic mitg-et docketing@cardinal-ip.com

COVIDIEN LP **Correspondent Name:**

Address Line 1: 5920 LONGBOW DRIVE

Address Line 2: ATTN: IP LEGAL

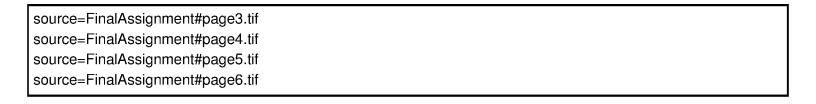
Address Line 4: **BOULDER, COLORADO 80301**

ATTORNEY DOCKET NUMBER:	H-EB-00833
NAME OF SUBMITTER:	STEPHEN B. PERKINS
SIGNATURE:	/Stephen B. PERKINS/
DATE SIGNED:	05/31/2016

Total Attachments: 6

source=FinalAssignment#page1.tif source=FinalAssignment#page2.tif

> **PATENT** REEL: 038748 FRAME: 0832 503848417



PATENT REEL: 038748 FRAME: 0833 For: [X] U.S. and/or [X] Foreign Rights
For: [X] U.S. Application or [] U.S. Patent
By: [X] Inventor or [] Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIG	NORS:	
		Christopher L. Bagley Allen D. Jameson Hillary K. Huszar
		is by person or entity to whom invention was previously assigned and this was recorded in following) Recorded on: Reel
hereby	sells, a	Framessigns and transfers to
ASSIG	NEE:	Covidien LP 15 Hampshire Street Mansfield, MA 02048 US
and th	e succes	ssors, assigns and legal representatives of the ASSIGNEE
[X] the	e entire r	right, title and interest
[] an posses		d percent (%) interest for the United States and its territorial
future	infringen	oreign countries, including all rights to claim priority, the right to sue for present, past and nent, in the United States, its territorial possessions, and in all foreign countries, including all vention rights in and to the invention and any and all improvements entitled:
<u>SEI</u>	F-SIZIN	IG CATHETER FEATURES TO PREVENT OVER-TIGHTENING OF THE ELECTRODE
and w	nich is fo	(Title) bund in
(a) (b) (c) (d)	[x] [x] [] []	U.S. application Serial No. 14/925,613 filed on October 28, 2015. U.S. provisional application No. 62/110,835 filed on February 2, 2015. U.S. Patent No. issued PCT application No. filed on A change of address to which correspondence is to be sent regarding patent
(e)	[x]	maintenance fees is being sent separately. and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

Page 1 of 3

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

ASSIGNORS further covenant to promptly provide all pertinent facts and documents known and accessible to ASSIGNORS relating to said invention and said Letters Patent and legal equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefore in said ASSIGNEE, its successors, assigns or other legal representatives; to execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefore; and to make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, all without further compensation, but at the sole expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS hereby grant ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

State of California,
County of Sants Closes

Before me this 23 day of Nacuber 2015, personally appeared Christopher L. Bagley, to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he she executed the same of his own free will for the purposes therein set forth.

AFFIX SEAL



Alley D. Jameson	12/19/15 (Date)
State of CALI FORN (A) ss County of SANTA CUANA	
Jameson, to me personally known to be the personal acknowledged to me that he she executed forth. PAUL J. KIEFER COMM. # 2022369 NOTARY PUBLIC - CALIFORNIA OF SANTA CLARA COUNTY OF COMM. EXPIRES MAY 19, 2017	rson described in and who executed the above instrument the same of his own free will for the purposes therein set Notary Public
Hillary K. Huszar	(Date)
State of)) ss County of)	
Before me this day of Huszar, to me personally known to be the pers and acknowledged to me that he/she executed forth.	2015, personally appeared Hillary K. on described in and who executed the above instrument, the same of his own free will for the purposes therein set
	Notary Public

AFFIX SEAL

Attorney Docket No. H-EB-00833 (P050) PATENT

For: [X] U.S. and/or [X] Foreign Rights
For: [X] U.S. Application or [] U.S. Patent
By: [X] Inventor or [] Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

Christopher L. Bagley

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following) Recorded on:			Allen D. Jameson Hillary K. Huszar
Recorded on: Reel Frame hereby sells, assigns and transfers to ASSIGNEE: Covidien LP 15 Hampshire Street Mansfield, MA 02048 US and the successors, assigns and legal representatives of the ASSIGNEE [X] the entire right, title and interest [] an undivided			
Reel Frame hereby sells, assigns and transfers to ASSIGNEE: Covidien LP 15 Hampshire Street Mansfield, MA 02048 US and the successors, assigns and legal representatives of the ASSIGNEE [X] the entire right, title and interest [] an undivided percent (%) interest for the United States and its territorial possessions [X] and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled: SELF-SIZING CATHETER FEATURES TO PREVENT OVER-TIGHTENING OF THE ELECTRODE (Title) and which is found in (a) [X] U.S. application Serial No. 14/925,613 filed on Cotober 28, 2015. (b) [X] U.S. provisional application No Sisued (1)	117 - 3		Recorded on:
Frame hereby sells, assigns and transfers to ASSIGNEE: Covidien LP 15 Hampshire Street Mansfield, MA 02048 US and the successors, assigns and legal representatives of the ASSIGNEE [X] the entire right, title and interest [] an undivided percent (Reel The state of
ASSIGNEE: Covidien LP			
ASSIGNEE: Covidien LP	hereb	v sells, a	assigns and transfers to
Covidien LP 15 Hampshire Street Mansfield, MA 02048 US and the successors, assigns and legal representatives of the ASSIGNEE [X] the entire right, title and interest [] an undivided percent (%) interest for the United States and its territorial possessions [X] and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled: SELF-SIZING CATHETER FEATURES TO PREVENT OVER-TIGHTENING OF THE ELECTRODE (Title) and which is found in (a) [X] U.S. application Serial No. 14/925.613 filed on Cotober 28, 2015. (b) [X] U.S. provisional application No. 62/110.835 filed on February 2, 2015. (c) [] U.S. Patent No issued (d) [] PCT application No filed on Anange of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately. (e) [X] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute		,, -	
Covidien LP 15 Hampshire Street Mansfield, MA 02048 US and the successors, assigns and legal representatives of the ASSIGNEE [X] the entire right, title and interest [] an undivided percent (%) interest for the United States and its territorial possessions [X] and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled: SELF-SIZING CATHETER FEATURES TO PREVENT OVER-TIGHTENING OF THE ELECTRODE (Title) and which is found in (a) [X] U.S. application Serial No. 14/925.613 filed on Cotober 28, 2015. (b) [X] U.S. provisional application No. 62/110.835 filed on February 2, 2015. (c) [] U.S. Patent No issued (d) [] PCT application No filed on Anange of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately. (e) [X] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute	ASSI	GNEE:	
and the successors, assigns and legal representatives of the ASSIGNEE [X] the entire right, title and interest [] an undivided percent (%) interest for the United States and its territorial possessions [X] and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled: SELF-SIZING CATHETER FEATURES TO PREVENT OVER-TIGHTENING OF THE ELECTRODE (Title) and which is found in (a) [X] U.S. application Serial No. 14/925,613 filed on October 28, 2015. (b) [X] U.S. provisional application No. 62/110,835 filed on February 2, 2015. (c) [] U.S. Patent No issued (d) [] PCT application No filed on [] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately. (e) [X] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute			Covidien LP
and the successors, assigns and legal representatives of the ASSIGNEE [X] the entire right, title and interest [] an undivided percent (%) interest for the United States and its territorial possessions [X] and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled: SELF-SIZING CATHETER FEATURES TO PREVENT OVER-TIGHTENING OF THE ELECTRODE (Title) and which is found in (a) [X] U.S. application Serial No. 14/925,613 filed on October 28, 2015. (b) [X] U.S. provisional application No. 62/110,835 filed on February 2, 2015. (c) [] U.S. Patent No issued [1] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately. (e) [X] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute			
and the successors, assigns and legal representatives of the ASSIGNEE [X] the entire right, title and interest [] an undivided			
[X] the entire right, title and interest [] an undivided			
[X] the entire right, title and interest [] an undivided			
[X] the entire right, title and interest [] an undivided	and th	e succe	essors, assigns and legal representatives of the ASSIGNEE
[] an undivided			
[X] and in all foreign countries, including all rights to claim priority, the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled: SELF-SIZING CATHETER FEATURES TO PREVENT OVER-TIGHTENING OF THE ELECTRODE (Title)	[X] th	e entire	right, title and interest
future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to the invention and any and all improvements entitled: SELF-SIZING CATHETER FEATURES TO PREVENT OVER-TIGHTENING OF THE ELECTRODE (Title) and which is found in (a) [X] U.S. application Serial No. 14/925,613 filed on October 28, 2015. (b) [X] U.S. provisional application No. 62/110,835 filed on February 2, 2015. (c) [] U.S. Patent No. issued (d) [] PCT application No. filed on Filed on A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately. (e) [X] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute			ed percent (%) interest for the United States and its territorial
(a) [x] U.S. application Serial No. 14/925,613 filed on October 28, 2015. (b) [x] U.S. provisional application No. 62/110,835 filed on February 2, 2015. (c) [] U.S. Patent No	future	infringe	ment, in the United States, its territorial possessions, and in all foreign countries, including all
(a) [x] U.S. application Serial No. 14/925,613 filed on October 28, 2015. (b) [x] U.S. provisional application No. 62/110,835 filed on February 2, 2015. (c) [] U.S. Patent No	SE	LF-SIZII	NG CATHETER FEATURES TO PREVENT OVER-TIGHTENING OF THE FUECTRODE
(a) [x] U.S. application Serial No. 14/925,613 filed on October 28, 2015. (b) [x] U.S. provisional application No. 62/110,835 filed on February 2, 2015. (c) [] U.S. Patent No	- 		
 (a) [x] U.S. application Serial No. 14/925.613 filed on October 28, 2015. (b) [x] U.S. provisional application No. 62/110,835 filed on February 2, 2015. (c) [] U.S. Patent No	and w	hich is fo	
(b) [x] U.S. provisional application No. 62/110,835 filed on February 2, 2015. (c) [] U.S. Patent Noissued (d) [] PCT application Nofiled on [] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately. (e) [x] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute			
(b) [x] U.S. provisional application No. 62/110,835 filed on February 2, 2015. (c) [] U.S. Patent Noissued (d) [] PCT application Nofiled on [] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately. (e) [x] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute	(a)	[x]	U.S. application Serial No. 14/925.613 filed on October 28, 2015.
(d) [] PCT application Nofiled on			U.S. provisional application No. 62/110.835 filed on February 2, 2015.
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately. (e) [x] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute 			U.S. Patent No. Issued
 A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately. (e) [x] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute 			PCT application No. filed on
maintenance fees is being sent separately. (e) [x] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute	(-)		A change of address to which correspondence is to be sent regarding patent
(e) [x] and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute			
and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, continuation-in-part, divisional, renewal, or substitute	(e)	[x]	
application or any continuation, continuation-in-part, divisional, renewal, or substitute	177	נייו	
			thereof, and as to letters patent any reissue or re-examination thereof.

Page 1 of 3

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

ASSIGNORS further covenant to promptly provide all pertinent facts and documents known and accessible to ASSIGNORS relating to said invention and said Letters Patent and legal equivalents; to testify as to the same in any interference, litigation or proceeding related thereto; to execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patents which may be granted therefore in said ASSIGNEE, its successors, assigns or other legal representatives; to execute any additional or divisional applications for patents for said invention, or any part or parts thereof, and for the reissue of any Letters Patents to be granted therefore; and to make all rightful oaths and do all lawful acts requisite for procuring the same or for aiding therein, all without further compensation, but at the sole expense of ASSIGNEE, its successors, assigns, or other legal representatives.

ASSIGNORS hereby grant ASSIGNEE and Assignee's attorneys the power to insert the Serial No. and/or filing date of the above-described application(s) after such information becomes known to them.

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

AFFIX SEAL

Christo	pher L. Bagley	(Date)
State of)) ss	
County of)	
Bagley, to me pe	ersonally known to be the person desc	2015, personally appeared Christopher L. ribed in and who executed the above instrument, ne of his own free will for the purposes therein set
		Notary Public

Allen D. Jameson	(Date)
State of)) ss	
County of)	
Before me this da Jameson, to me personally known to be and acknowledged to me that he/she exe forth.	y of2015, personally appeared Allen D. the person described in and who executed the above instrument ecuted the same of his own free will for the purposes therein set
	Notary Public
AFFIX SEAL	
Hillary K. Huszar	5/24/2016 (Date)
State of Califarnia) County of Santa Class.)	
Before me this <u>JY</u> da Huszar , to me personally known to be the and acknowledged to me that he she exert forth.	by of2015, personally appeared Hillary K. e person described in and who executed the above instrument, ecuted the same of his own free will for the purposes therein set
	Notary Public
AFFIX SEAL	

Page 3 of 3

K. KAUR
COMM. # 2129709
NOTARY PUBLIC - CALIFORNIA D
SANTA CLARA COUNTY O
COMM. EXPIRES NOV. 6, 2019