504902683 05/07/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4949427

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WENG-KAI K. LEE	04/17/2014
SCOTT N. LACOSTA	04/04/2014
KELLEY D. GOODMAN	04/30/2014
KEIR HART	04/30/2014
DUANE E. KERR	04/25/2014
GENEVA LADTKOW	05/08/2014
KENNETH E. NETZEL	04/30/2012
JEFFREY R. TOWNSEND	04/30/2014

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:	15961461

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-si_docketing@cardinal-ip.com

Correspondent Name: COVIDIEN LP

Address Line 1: 5920 LONGBOW DRIVE

Address Line 2: ATTN: IP LEGAL

Address Line 4: BOULDER, COLORADO 80301

ATTORNEY DOCKET NUMBER: H-EM-00079.USC5(203-9446)

NAME OF SUBMITTER: THOMAS A. BEATON

PATENT REEL: 045733 FRAME: 0421

504902683

SIGNATURE:	/Thomas A. BEATON/	
DATE SIGNED:	05/07/2018	
Total Attachments: 6		
source=1-FinalAssignmentUSInv 03.03.2016 (1)#page1.tif		
source=1-FinalAssignmentUSInv 03.03.2016 (1)#page2.tif		
source=1-FinalAssignmentUSInv 03.03.2016 (1)#page3.tif		
source=1-FinalAssignmentUSInv 03.03.2016 (1)#page4.tif		
source=1-FinalAssignmentUSInv 03.03.2016 (1)#page5.tif		
source=1-FinalAssignmentUSInv 03.03.2016 (1)#page6.tif		

PATENT REEL: 045733 FRAME: 0422

Attorney Docket No. H-EM-00079WO (203-9446WO) 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:

Weng-Kai K. Lee Scott N. LaCosta Kelley D. Goodman Keir Hart Duane E. Kerr Geneva Ladtkow Kenneth E. Netzel Jeffrey R. Townsend

Jeffrey R. Townsend
(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following) 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 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 al treaty and convention rights in and to the invention and any and all improvements entitled:
BIPOLAR SURGICAL INSTRUMENT (Title) and which is found in
(a) N U.S. application Serial No. 14/906,072 filed on January 19, 2016. (b) [] U.S. provisional application No. filed on U.S. Patent No. issued (c) [] U.S. Patent No. issued (d) [x] PCT application No. PCT/CN2013/080947 filed on August 7, 2013. [] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
Page 1 of 6

Page 1016

(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 thereof, and as to letters patent any reissue or re-examination thereof.

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.

Wife	K. Lu	(Date)	<u> </u>
Weng-Kai I	<. Lee	(Date)	
State of Colorado)) ss		
County of Boulder)		
Before, and acknowledget forth.	ore me this <u>/1</u> day of <u>Q</u> ged to me that he/she executed	2014, personally appear of the same of his own free will for the	
	JO MILACIA	Maur Do Notary Pulpic	Milach
AFFIX SEAL			

Page 2 of 6

My Commission Expires 02/28/2015

WAN.	fleat.	4/4/2014
Scott N. LaC	Costa	(Date)
State of Colorado)) ss	
County of Boulder)	
Befor LaCosta , and acknow therein set forth.	re me this day ofvledged to me that he/she executed the sa	
AFFIX SEAL	My Commission Expires 02/28/2015	Many pallic Notary Palblic
Kelley D. Go	Dodman	<u>०५(३० /।५ </u>
State of Colorado)	
County of Boulder) ss)	
Before Goodman, and acknowledge therein set forth.	re me this <u>30</u> day of <u>April</u> owledged to me that he/she executed the s	2014, personally appeared Kelley D. same of his own free will for the purposes
AFFIX SEAL	My Commission Expires 02/28/2015	May melaceh Nojtary Public

Page 3 of 6

·,

	1_	
Keir Hart		<u>09/3<i>9</i>/14</u> (Date)
State of Colorado)) ss	
County of Boulder)	· .
Be acknowledged to m	fore me this $\underline{\mathcal{J}} \delta$ day of $\underline{\mathcal{G}}$ de that he/she executed the same	2014, personally appeared Keir Hart , and e of his own free will for the purposes therein set forth.
AFFIX SEAL	JO MILACIAN OF COLORED	Mary Mulacelo Notary Public
	My Commission Expires 02/28/2015	
Duane E.	Kerr	4/2 - /14 (Date)
State of Colorado)	
County of Boulder) ss)	
Be and acknowledged forth.	fore me this <u>25</u> day of <u>(</u> to me that he/she executed the	2014, personally appeared Duane E. Kerr , same of his own free will for the purposes therein set
AFFIX SEAL	JO MILACON OTAR; OTAR; OF COLORIDADE OF COLO	May Mulasek Notary Public
	OF COLOMBIC OF COL	

Page 4 of 6

P. 1/11)
Chille Chi	_/_
Geneva Ladtkow	

05/08/14 (Date)

State of Colorado)) ss	
County of)	
Before r Ladtkow , and acknowle therein set forth.	me this day of dged to me that he/she executed the s	_ 2014, personally appeared Geneva ame of his own free will for the purposes
AFFIX SEAL	STAR CHARLES	Many shulauh Notary Public
	My Commission Expires 02/28/2018	
Kennett/E. Ne	tzel	$\frac{4-30-2012}{\text{(Date)}}$
State of Colorado)	
County of Boulder) SS)	
Before in Netzel , and acknowledge therein set forth.	me this <u>30</u> day of <u>April</u> led to me that he/she executed the san	_ 2014, personally appeared Kenneth E. ne of his own free will for the purposes
AFFIX SEAL	Tyo Mill Action of the Color of Color o	Mary Public

Page 5 of 6

Jeffrey R.	Townsend	<i>O4/52)[r=f</i> (Date)
State of Colorado County of Boulder) ss)	
Before Townsend, and ack therein set forth.	ore me this <u>30</u> day of <u>April</u> knowledged to me that he/she executed the	_ 2014, personally appeared Jeffrey R. e same of his own free will for the purposes
AFFIX SEAL	JO MILACIA RESOTARICATION OF COLORIDA OF	Mary Public Notary Public

My Commission Expires 02/28/2015

RECORDED: 05/07/2018