505090167 09/12/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5136925

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the PRIORITY APPLICATION NUMBERS ON THE DOCUMENT UPLOADED previously recorded on Reel 046802 Frame 0428. Assignor(s) hereby confirms the PRIORITY APPLICATION NUMBERS ARE CORRECT ON THE ATTACHED DOCUMENT.

CONVEYING PARTY DATA

Name	Execution Date
DONALD L. TONN	08/02/2018
JAMES E. DUNNING	08/22/2018
WILLIAM D. FAULKNER	08/06/2018
JENNIFER R. MCHENRY	08/22/2018
DEVON E. SCOTT-DRECHSEL	08/29/2018
ERIC M. WESTRA	08/13/2018

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:	16122846

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: rs.patents.two@medtronic.com,

elizabeth.e.burlingame@medtronic.com

Correspondent Name: COVIDIEN LP

Address Line 1: 5920 LONGBOW DRIVE

Address Line 2: ATTN: IP LEGAL

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

C00017015US01(203-11902) ATTORNEY DOCKET NUMBER:

> **PATENT REEL: 047059 FRAME: 0393**

505090167

NAME OF SUBMITTER:	STEPHEN B. PERKINS
SIGNATURE:	/Stephen B. PERKINS/
DATE SIGNED:	09/12/2018
Total Attachments: 6	
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PATENT REEL: 047059 FRAME: 0394

09/06/2018 505080727

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5127484

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DONALD L. TONN	08/02/2018
JAMES E. DUNNING	08/22/2018
WILLIAM D. FAULKNER	08/06/2018
JENNIFER R. MCHENRY	08/22/2018
DEVON E. SCOTT-DRECHSEL	08/29/2018
ERIC M. WESTRA	08/13/2018

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:	16122846

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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:	C00017015US01(203-11902)
NAME OF SUBMITTER:	STEPHEN B. PERKINS
SIGNATURE:	/Stephen B. PERKINS/
DATE SIGNED:	09/06/2018

PATENT REEL: 047059 FRAME: 0395 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	S:
	Donald L. Tonn James E. Dunning William D. Faulkner Jennifer R. McHenry Devon E. Scott-Drechsel Eric M. Westra
PTO add the	Recorded on: Reel Frame
nereby sells,	assigns and transfers to
ASSIGNEE:	Covidien LP
	15 Hampshire Street Mansfield, MA 02048
	US
and the succ	essors, assigns and legal representatives of the ASSIGNEE
[X] the entire	e right, title and interest
[] an undividuo possessions	ded percent (%) interest for the United States and its territorial
future infring	I foreign countries, including all rights to claim priority, the right to sue for present, past and ement, in the United States, its territorial possessions, and in all foreign countries, including all invention rights in and to the invention and any and all improvements entitled:
<u>s</u>	SYSTEMS AND METHODS FOR MINIMIZING ARCING OF BIPOLAR FORCEPS
and which is	(Title) found in
(a) [x] (b) [x]	U.S. application Serial No. 16/122,846 filed on September 5, 2018. U.S. provisional application No. 62/562,078 filed on September 22, 2017 and U.S. provisional application No. 62/562,012 filed on September 22, 2017 and U.S. provisional application No. 62/562,110 filed on September 22, 2017.
(c) [] (d) []	U.S. Patent No issued 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

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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.

Donald L. Tonn (Date)

State of Colorado

ss

County of Boulder

Before me this 2 day of 2018, personally appeared **Donald L.**Tonn, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

May Jo Mulauch Notary Public

AFFIX SEAL

MARY JO MILACEK Notary Public State of Colorado Notary ID 19874137165 My Commission Expires Feb 28, 2019

James E. I	Dunning	8/22/2018 (Date)
State of Colorado County of Boulder)) ss)	
Bef	ore me this <u>22</u> day of <u>Quarest</u> owledged to me that he/she executed the	2018, personally appeared James E. e same of his own free will for the purposes
AFFIX SEAL	MARY JO MILACEK Notary Public State of Colorado Notary ID 19874137165 My Commission Expires Feb 28, 2019	Mary Jo Mulasch Notary Public
Why S William D.	Sulface Faulkner	08/06/218/ (Date)
State of Colorado County of Boulder)) ss)	
Before Faulkner, and acknowledge therein set forth.	ore me this <u>6</u> day of <u>August</u> owledged to me that he/she executed the	2018, personally appeared William D. same of his own free will for the purposes
AFFIX SEAL	MARY JO MILACEK Notary Public State of Colorado Notary ID 19874137165 My Commission Expires Feb 28, 2019	May Jo Mulasek Notary Public

Jennifer R. McHenry (Date)			
State of Colorado)) ss County of Boulder) Before me this 22 day of 2018, personally appeared Jennifer R. McHenry, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.			
MARY JO MILACEK Notary Public State of Colorado Notary ID 19874137165 My Commission Expires Feb 28, 2019			
Devon E. Scott-Drechsel 8 39 18 (Date)			
State of Colorado)) ss County of Boulder) Before me this <u>29</u> day of <u>August</u> 2018, personally appeared Devon E. Scott-Drechsel, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.			
AFFIX SEAL MARY JO MILACEK Notary Public State of Colorado Notary ID 19874137165 My Commission Expires Feb 28, 2019			

Es West	<u></u>	8/13/2018
Eric M.	Westra	(Date)
State of Colorac	•	
County of Bould	· /	
Westra, and ack	Before me this <u>/3</u> day of <u>August</u> knowledged to me that he/she executed the sam	2018, personally appeared Eric M. ne of his own free will for the purposes
		Mary Jo Mileuk Notary Public
AFFIX SEAL	MARY JO MILACEK Notary Public State of Colorado Notary ID 19874137165 My Commission Expires Feb 28, 2019	•

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