505303059 01/30/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5349838

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JUSTIN THOMAS	04/12/2018
ERIC BROWN	04/17/2018
JACOB C. BARIL	04/12/2018
GREGORY R. MORCK	04/12/2018
ROY J. PILLETERE	04/12/2018
SAUMYA BANERJEE	04/12/2018
MATTHEW A. DININO	04/12/2018

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:	16261662

CORRESPONDENCE DATA

Fax Number: (203)492-5785

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: 203-492-5000

Email: rs.patents.two@medtronic.com

Correspondent Name: COVIDIEN LP

60 MIDDLETOWN AVENUE Address Line 1: Address Line 2: MAILSTOP 54, LEGAL DEPT.

Address Line 4: NORTH HAVEN, CONNECTICUT 06473

ATTORNEY DOCKET NUMBER:	C00017764US01(203-12012)
NAME OF SUBMITTER:	MARIANNE TIMM-SCHREIBER
SIGNATURE:	/Marianne TIMM-SCHREIBER, Reg. #58085/
DATE SIGNED:	01/30/2019

REEL: 048182 FRAME: 0737 505303059

PAIENI

Total Attachments: 5 source=C00017764Assignment#page1.tif source=C00017764Assignment#page2.tif source=C00017764Assignment#page3.tif source=C00017764Assignment#page4.tif

source=C00017764Assignment#page5.tif

Attorney Docket No.: C00017764(203-12012) **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: Justin Thomas, Eric Brown, Jacob C. Baril, Gregory R. Morck, Roy J. Pilletere, Saumya Banerjee and Matthew A. Dinino

(If assignment is by	person or entity	to whom invent	ion was previous	ly assigned a	and this was	recorded in
PTO add the following	ng)					

PTO add the	e following)
	Recorded on: Reel
	Frame
hereby sells,	assigns and transfers to
ASSIGNEE:	Covidien LP 15 Hampshire Street Mansfield, MA 02048 US
and the succ	sessors, assigns and legal representatives of the ASSIGNEE
[X] the e	entire right, title and interest
[] an u	ndivided percent (%) interest for the United States and its territorial
future infring	in all foreign countries, including all rights to claim priority, the right to sue for present, past an ement, in the United States, its territorial possessions, and in all foreign countries, including all provention rights in and to the invention and any and all improvements entitled:
	LIGATION CLIP WITH LATCHING AND RETENTION FEATURES
and which is	found in
(a) [X] (b) [X] (c) [] (d) [] [] (e) [X]	U.S. application Serial No. 16/261,662 filed on January 30, 2019. U.S. provisional application No. 62/655,882 filed on April 11, 2018. 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. 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 5

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.

personally appeared <u>Justin Thomas</u> 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

Notary Public

MICHELLE M MCKIERNAN
NOTARY PUBLIC - CONNECTICUT
MY COMMISSION EXPIRES
JANUARY 31, 2021

Eric Brown	(Dated)
State of Connecticut)) ss	
County of New Haven) Before me this day of	Upri\2018,
personally appeared <u>Eric Brown</u> to me personally knot the above instrument, and acknowledged to me that he purposes therein set forth.	wn to be the person described in and who executed e/she executed the same of his own free will for the
	mullem meer
AFFIX SEAL	Notary Public MICHELLE M MCKIERNAN NOTARY PUBLIC - CONNECTICUT MY COMMISSION EXPIRES JANUARY 31, 2021
Jacob C. Baril	<u>04-12-2018</u> (Dated)
State of Connecticut)) ss	
County of New Haven) Before me this day of	pri 2018,
personally appeared <u>Jacob C. Baril</u> to me personally k executed the above instrument, and acknowledged to r will for the purposes therein set forth.	
	Michelam more
AFFIX SEAL	Notary Public MICHELLE M MCKIERNAN NOTARY PUBLIC - CONNECTICUT MY COMMISSION EXPIRES JANUARY 31, 2021
Page 3 o	of 5

Page 3 of 5

Gregory R. Morck		(Dated)
State of Connecticut)) ss County of New Haven) Before me this day personally appeared Gregory R. Morck to executed the above instrument, and acknow will for the purposes therein set forth.	me personally knowr	2018, In to be the person described in and who elected the same of his own free
AFFIX SEAL		Notary Public MICHELLE M MCKIERNAN NOTARY PUBLIC - CONNECTICUT MY COMMISSION EXPIRES JANUARY 31, 2021
My Mulie Roy J. Pilletere		April 12th 2018 (Dated)
State of Connecticut)) ss County of New Haven) Before me this da	ay of $Qpr[]$	2018,
personally appeared <u>Roy J. Pilletere</u> to me executed the above instrument, and acknow will for the purposes therein set forth.	e personally known to	be the person described in and who /she executed the same of his own free
AFFIX SEAL	W	Notary Public
	Page 4 of 5	MICHELLE M MCKIERNAN NOTARY PUBLIC - CONNECTICUT MY COMMISSION EXPIRES JANUARY 31, 2021

Saumya Banerjee	AF	PRIL 12 th 2018 (Dated)
State of Connecticut)) ss County of New Haven) Before me this day	ay of a pril	2018,
personally appeared <u>Saumya Banerjee</u> to executed the above instrument, and acknow will for the purposes therein set forth.	me personally known to be wledged to me that he/she	the person described in and who executed the same of his own free
AFFIX SEAL		Notary Public MICHELLE M MCKIERNAN NOTARY PUBLIC - CONNECTICUT
1111-1		MY COMMISSION EXPIRES JANUARY 31, 2021
Matthew A. Dinino	<u>APRI</u>	(Dated)
State of Connecticut)		
County of New Haven) Before me this A da	y of Opril	2018,
personally appeared <u>Matthew A. Dinino</u> to executed the above instrument, and acknow will for the purposes therein set forth.	me personally known to be ledged to me that he/she e	the person described in and who executed the same of his own free
AFFIX SEAL		Wy Mekkus Notary Public
	Page 5 of 5	MICHELLE M MCKIERNAN NOTARY PUBLIC - CONNECTICUT MY COMMISSION EXPIRES JANUARY 31, 2021

RECORDED: 01/30/2019