504584765 10/09/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYAN C. ARTALE	10/06/2017

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:	15670101

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:	356270.USU1(203-10809)	
NAME OF SUBMITTER:	STEPHEN B. PERKINS	
SIGNATURE:	/Stephen B. PERKINS/	
DATE SIGNED:	10/09/2017	

Total Attachments: 2

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> **PATENT** REEL: 043811 FRAME: 0575 504584765

Attorney Docket No. 356270.USU1 (203-10809) 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,

NORS:	
	Ryan C. Artale
oo me ron	by person or entity to whom invention was previously assigned and this was recorded in owing) Recorded on: Reel Frame
	rrame signs and transfers to
a takki.	Covidien LP 15 Hampshire Street Mansfield, MA 02048 US
e success	ors, assigns and legal representatives of the ASSIGNEE
entire riç	tht, title and interest
undivided ssions	percent (%) interest for the United States and its territorial
infringeme	eign countries, including all rights to claim priority, the right to sue for present, past and ant, in the United States, its territorial possessions, and in all foreign countries, including all antion rights in and to the invention and any and all improvements entitled:
	ENERGY-BASED SURGICAL INSTRUMENT FOR TREATING TISSUE (Title)
nich is fou	
o mar paus paus paus X paus paus paus Vand und und und	U.S. application Serial No. 15/670,101 filed on August 7, 2017. U.S. provisional application No. 62/374,115 filed on August 12, 2016. 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.
	gnment is dd the foll sells, ass NEE: e success e entire rig undivided sions d in all for intringement convenich is fou [x] [x] [] [] [] [X] [] [X] [X] [X] [X] [X] [X

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;

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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.

(Name) (Inventor Signature)	
Witnessed by:	
Emily Artale (Print Name)	
(Witness Signature)	10/6/12
/ (AARRIG22 OKUBSINIG)	27%

Page 2 of 2

(Date)

RECORDED: 10/09/2017

Ryan C. Artale