504414406 06/15/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CRAIG A. KELLER	08/21/2013

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:	15623447

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-EB-00348.USC2(203-8515)
NAME OF SUBMITTER:	GIORDANA M. BELENCHIA
SIGNATURE:	/Giordana M. BELENCHIA/
DATE SIGNED:	06/15/2017

Total Attachments: 2

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> **PATENT REEL: 042715 FRAME: 0815** 504414406

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,

ASSIGN	NORS:	
		Craig A. Keller
PTO ad	d the fo	s by person or entity to whom invention was previously assigned and this was recorded in llowing) Recorded on: Reel Frame ssigns and transfers to
ASSIGN	NEE:	Covidien LP 15 Hampshire Street Mansfield, MA 02048 US
and the	succes	sors, assigns and legal representatives of the ASSIGNEE
[X] the	entire ri	ght, title and interest
[] an u possess		d percent (%) interest for the United States and its territorial
future ir	nfringem	reign countries, including all rights to claim priority, the right to sue for present, past and ent, in the United States, its territorial possessions, and in all foreign countries, including all ention rights in and to the invention and any and all improvements entitled:
		ENERGY-BASED MEDICAL DEVICES
and whi	ch is fo	(Title) und in
(b) (c) (d)	[x] [x] []	U.S. application Serial No filed on 9/18/13. U.S. provisional application No. 61/708,833 filed on October 2, 2012. 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

Page 1 of 2

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

application or any continuation, continuation-in-part, divisional, renewal, or substitute

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 Colorado)

Craig A. Keller

County of Boulder)

Before me this <u>2/</u> day of <u>Guguet</u> 2013, personally appeared **Craig A. Keller** 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.

8-21-2013 (Date)

AFFIX SEAL

JO MIL JO MIL JO TAR JOE STAR JOE STAR

My Commission Expires 02/28/2015

Page 2 of 2

Nacy) Mulareh Notary Public

RECORDED: 06/15/2017