

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6146587

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THOMAS E. DROCHNER	06/14/2017
DAVID J. VAN TOL	06/29/2017
DUANE E. KERR	06/12/2017
JAMES D. ALLEN IV	06/19/2017
ROBERT M. SHARP	06/28/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	COVIDIEN LP
<b>Street Address:</b>	15 HAMPSHIRE STREET
<b>City:</b>	MANSFIELD
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02048
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16897523
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>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.</i>	
<b>Phone:</b>	303-530-6138
<b>Email:</b>	rs.patents.two@medtronic.com, dglaser@carterdeluca.com, docket@carterdeluca.com
<b>Correspondent Name:</b>	COVIDIEN LP ATTN: IP LEGAL
<b>Address Line 1:</b>	5920 LONGBOW DRIVE
<b>Address Line 2:</b>	MAIL STOP A36
<b>Address Line 4:</b>	BOULDER, COLORADO 80301-3299
<b>ATTORNEY DOCKET NUMBER:</b>	356701US01CON (-11093CON)
<b>NAME OF SUBMITTER:</b>	STEPHEN DILORENZO
<b>SIGNATURE:</b>	/Stephen DiLorenzo/
<b>DATE SIGNED:</b>	06/10/2020
<b>Total Attachments: 5</b>	

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**PATENT**

**REEL: 052892 FRAME: 0604**

For: ☒ U.S. and/or ☒ Foreign Rights

For: ☒ U.S. Application or ☐ U.S. Patent

By : ☒ 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:

**Thomas E. Drochner**

**David J. Van Tol**

**Duane E. Kerr**

**Gary M. Couture**

**James D. Allen, IV**

**Robert M. Sharp**

(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

☒ the entire right, title and interest

☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest for the United States and its territorial possessions

☒ 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 all treaty and convention rights in and to the invention and any and all improvements entitled:

**CUTTING MECHANISMS FOR SURGICAL END EFFECTOR ASSEMBLIES, INSTRUMENTS, AND SYSTEMS**

(Title)

and which is found in

- (a) ☒ U.S. application Serial No. 15/642,858 filed on July 6, 2017.
- (b) ☒ U.S. provisional application No. 62/369,958 filed on August 2, 2016.
- (c) ☐ U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_.
- (d) ☐ 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 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.

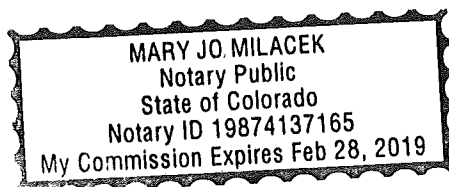
  
Thomas E. Drochner

6/14/2017  
(Date)

State of Colorado     )  
                                  ) ss  
County of Boulder    )

Before me this 14 day of June 2017, personally appeared **Thomas E. Drochner**, 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

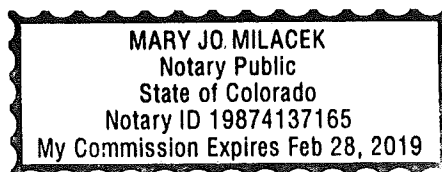
David J. Van Tol  
David J. Van Tol

2017-6-29  
(Date)

State of Colorado     )  
                                  ) ss  
County of Boulder     )

Before me this 29 day of June 2017, personally appeared **David J. Van Tol**, 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

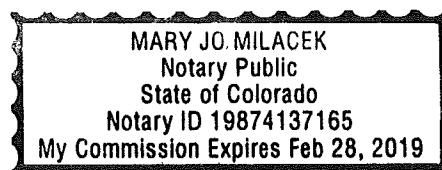
Duane E. Kerr  
Duane E. Kerr

6/12/2017  
(Date)

State of Colorado     )  
                                  ) ss  
County of Boulder     )

Before me this 12 day of June 2017, personally appeared **Duane E. Kerr**, 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

\_\_\_\_\_  
**Gary M. Couture**

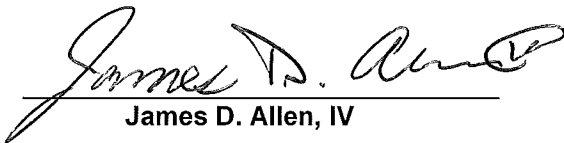
\_\_\_\_\_  
(Date)

State of Colorado     )  
                              ) ss  
County of Boulder     )

Before me this \_\_\_\_\_ day of \_\_\_\_\_ 2017, personally appeared **Gary M. Couture**, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

\_\_\_\_\_  
Notary Public

AFFIX SEAL

  
\_\_\_\_\_  
**James D. Allen, IV**

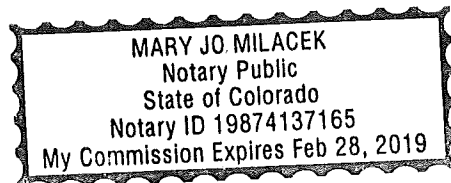
6-19-17  
(Date)


State of Colorado     )  
                              ) ss  
County of Boulder     )

Before me this 19 day of June 2017, personally appeared **James D. Allen, IV**, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

  
\_\_\_\_\_  
Notary Public

AFFIX SEAL



  
\_\_\_\_\_  
**Robert M. Sharp**

6/28/17  
\_\_\_\_\_  
(Date)

State of Colorado     )  
                                  ) ss  
County of Boulder     )

Before me this 28 day of June 2017, personally appeared **Robert M. Sharp**, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

  
\_\_\_\_\_  
Notary Public

AFFIX SEAL

