

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4790539

|   |   |
|---|---|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT  |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT  |
| <b>CONVEYING PARTY DATA</b>   |   |
| <b>Name</b>   | <b>Execution Date</b>   |
| ELIZABETH CONTINI   | 05/23/2017  |
| KELLY VALENTINE   | 05/30/2017  |
| THOMAS WINGARDNER   | 05/30/2017  |
| DAVID MCCUEN  | 06/02/2017  |
| MATTHEW CHOWANIEC   | 05/23/2017  |
| JOHN BEARDSLEY  | 05/18/2017  |
| RUSSELL PRIBANIC  | 05/17/2017  |
| XINGRUI CHEN  | 05/30/2017  |
| CHRISTOPHER SWITALSKI   | 05/17/2017  |
| <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>   |
| Application Number:   | 15612542  |
| <b>CORRESPONDENCE DATA</b>  |   |
| <b>Fax Number:</b>  | (203)492-5785   |
| <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>   | 203-492-5000  |
| <b>Email:</b>   | SurgicalUS@covidien.com,<br>medtronic_mitg-si_docketing@cardinal-ip.com |
| <b>Correspondent Name:</b>  | COVIDIEN LP   |
| <b>Address Line 1:</b>  | 60 MIDDLETOWN AVENUE  |
| <b>Address Line 2:</b>  | MAILSTOP 54, LEGAL DEPT.  |
| <b>Address Line 4:</b>  | NORTH HAVEN, CONNECTICUT 06473  |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 356045.US13(203-10502ACIP)  |

|   |                                    |
|---|------------------------------------|
| <b>NAME OF SUBMITTER:</b>   | JOSEPH BENDER-ZANONI               |
| <b>SIGNATURE:</b>   | /Joseph BENDER-ZANONI, Reg. 51454/ |
| <b>DATE SIGNED:</b>   | 01/24/2018                         |
| <b>Total Attachments: 11</b><br>source=ExecutedAssignment#page1.tif<br>source=ExecutedAssignment#page2.tif<br>source=ExecutedAssignment#page3.tif<br>source=ExecutedAssignment#page4.tif<br>source=ExecutedAssignment#page5.tif<br>source=ExecutedAssignment#page6.tif<br>source=ExecutedAssignment#page7.tif<br>source=ExecutedAssignment#page8.tif<br>source=ExecutedAssignment#page9.tif<br>source=ExecutedAssignment#page10.tif<br>source=ExecutedAssignment#page11.tif |                                    |

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: Elizabeth Contini  
Kelly Valentine  
Thomas Wingardner  
David McCuen  
Matthew Chowaniec  
John Beardsley  
Russell Pribanic  
Xingrui Chen  
Christopher Switalski**

(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:

**HANDHELD ELECTROMECHANICAL SURGICAL SYSTEM**

and which is found in

- (a)  U.S. application Serial No. 15/612,542 filed on June 2, 2017.
- (b)  U.S. application Serial No. 15/096,399 filed on April 12, 2016.
- (c)  U.S. provisional application No. 62/291,775 filed on February 5, 2016.

- (d) [X] U.S. provisional application No. 62/151,145 filed on April 22, 2015.
- (e) [X] U.S. provisional application No. 62/151,171 filed on April 22, 2015.
- (f) [X] U.S. provisional application No. 62/151,183 filed on April 22, 2015.
- (g) [X] U.S. provisional application No. 62/151,196 filed on April 22, 2015.
- (h) [X] U.S. provisional application No. 62/151,206 filed on April 22, 2015.
- (i) [X] U.S. provisional application No. 62/151,224 filed on April 22, 2015.
- (j) [X] U.S. provisional application No. 62/151,235 filed on April 22, 2015.
- (k) [X] U.S. provisional application No. 62/151,246 filed on April 22, 2015.
- (l) [X] U.S. provisional application No. 62/151,255 filed on April 22, 2015.
- (m) [X] U.S. provisional application No. 62/151,261 filed on April 22, 2015.
- (n) [X] U.S. provisional application No. 62/151,266 filed on April 22, 2015.
- (o) [X] U.S. provisional application No. 62/151,273 filed on April 22, 2015  
[ ] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
- (p) [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.

  
Elizabeth Contini

23 May 2017  
(Dated)

State of Connecticut )  
                                  ) ss NORTH HAVEN  
County of New Haven

Before me this 23<sup>rd</sup> day of May 2017  
Elizabeth Contini ~~2016~~ <sup>AT</sup>

personally appeared \_\_\_\_\_ 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.

  
Notary Public

AFFIX SEAL

**ALLANAH TEMPE**  
NOTARY PUBLIC  
State of Connecticut  
My Commission Expires  
February 28, 2019

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

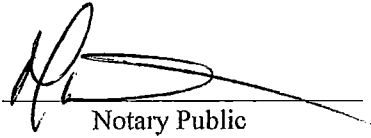
Kelly Valentine  
Kelly Valentine

5/30/17  
(Dated)

State of Connecticut )  
  ) ss  
County of                            )

Before me this 30 day of May 2017,

personally appeared Kelly Valentine 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.

  
Notary Public

AFFIX SEAL

MICHELE LYNN CIANCOLA  
NOTARY PUBLIC  
State of Connecticut  
My Commission Expires  
August 31, 2020

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

*Thomas Wingardner*  
Thomas Wingardner

May 30, 2017  
(Dated)

State of Connecticut )  
                                  ) ss  
County of                    )

Before me this 30 day of May 2017,

Thomas Wingardner  
personally appeared \_\_\_\_\_ 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.

*Michele Lynn Ciancola*  
Notary Public

AFFIX SEAL

**MICHELE LYNN CIANCOLA**  
NOTARY PUBLIC  
State of Connecticut  
My Commission Expires  
August 31, 2020

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

*David McCuen*  
David McCuen

6/2/2017  
(Dated)

State of Connecticut )  
                                  ) ss  
County of Fairfield )

Before me this 2 day of June <sup>2017</sup>~~2016~~,

personally appeared David McCuen 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.

*Dhruvangi Parkh*  
Notary Public

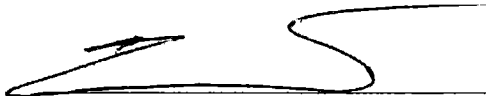
DHRUVANGI PARKH  
NOTARY PUBLIC  
My Commission Expires July 31, 2019

AFFIX SEAL





IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

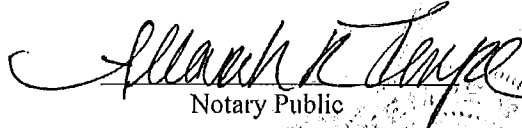
  
Matthew Chowaniec

05-23-2017  
(Dated)

State of Connecticut )  
County of New Haven ) ss NATHAN HAVEN

Before me this 23<sup>rd</sup> day of May, 2017 ~~2016~~

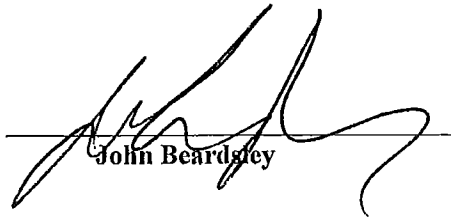
Matthew Chowaniec personally appeared \_\_\_\_\_ to me personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

  
Notary Public

AFFIX SEAL

ALLANAH TEMPE  
NOTARY PUBLIC  
State of Connecticut  
My Commission Expires  
February 28, 2019

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

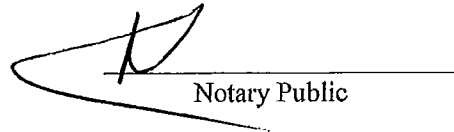
  
John Beardley

5-18-17  
(Dated)

State of Connecticut )  
                                  ) ss  
County of                    )

Before me this 18 day of May 2017,

John Beardley personally appeared \_\_\_\_\_ 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.

  
Notary Public

AFFIX SEAL

**MICHELE LYNN CIANGOLA**  
NOTARY PUBLIC  
State of Connecticut  
My Commission Expires  
August 31, 2020

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.


  
\_\_\_\_\_  
Russell Pribanic

5-17-2017  
(Dated)

State of Connecticut    )  
                                  ) ss  
County of                 )

Before me this 17 day of May 2017,

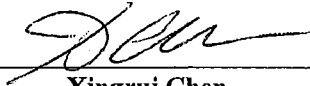
personally appeared Russell Pribanic personally known to be the person described in and who executed the above instrument, and acknowledged to me that he/she executed the same of his own free will for the purposes therein set forth.

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

AFFIX SEAL

**MICHELE LYNN CIANGOLA**  
NOTARY PUBLIC  
State of Connecticut  
My Commission Expires  
**AUGUST 31, 2020**

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.


  
\_\_\_\_\_  
Xingrui Chen

May 30, 2017  
\_\_\_\_\_  
(Dated)

State of Connecticut )  
                                  ) ss  
County of                    )

Before me this 30 day of May 2017,

Xingrui Chen  
personally appeared \_\_\_\_\_ 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.

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

AFFIX SEAL

MICHELE LYNN CIANCOLA  
NOTARY PUBLIC  
State of Connecticut  
My Commission Expires  
August 31, 2020

IN WITNESS WHEREOF, I/We have hereunto set hand and seal.

Christopher Switalski  
Christopher Switalski

5/17/17  
(Dated)

State of Connecticut )  
                                  ) ss  
County of                    )

Before me this 17 day of May 2017,  
Christopher Switalski  
personally appeared \_\_\_\_\_ 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.

[Signature]  
Notary Public

AFFIX SEAL