

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

| SUBMISSION TYPE:  | NEW ASSIGNMENT                   |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
|---|----------------------------------|---------------|----------------|---------------------|---------------------|-------------|------------|----------------|---------------|-----------------|------------|-------------------|------------|-------------------|------------|---------------|------------|-----------------------|------------|----------------|------------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT                       |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| <b>CONVEYING PARTY DATA</b>   |                                  |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Josh Snow</td> <td>06/25/2013</td> </tr> <tr> <td>Philip Irka</td> <td>05/23/2013</td> </tr> <tr> <td>Ethan Collins</td> <td>05/24/2013</td> </tr> <tr> <td>Joseph Costanzo</td> <td>05/24/2013</td> </tr> <tr> <td>Anthony Calderoni</td> <td>06/11/2013</td> </tr> <tr> <td>Michael Ingmanson</td> <td>05/23/2013</td> </tr> <tr> <td>Timothy Wells</td> <td>05/24/2013</td> </tr> <tr> <td>Thomas Wingardner III</td> <td>05/24/2013</td> </tr> <tr> <td>Ramiro Cabrera</td> <td>07/02/2013</td> </tr> </tbody> </table> |                                  | Name          | Execution Date | Josh Snow           | 06/25/2013          | Philip Irka | 05/23/2013 | Ethan Collins  | 05/24/2013    | Joseph Costanzo | 05/24/2013 | Anthony Calderoni | 06/11/2013 | Michael Ingmanson | 05/23/2013 | Timothy Wells | 05/24/2013 | Thomas Wingardner III | 05/24/2013 | Ramiro Cabrera | 07/02/2013 |
| Name  | Execution Date                   |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Josh Snow   | 06/25/2013                       |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Philip Irka   | 05/23/2013                       |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Ethan Collins   | 05/24/2013                       |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Joseph Costanzo   | 05/24/2013                       |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Anthony Calderoni   | 06/11/2013                       |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Michael Ingmanson   | 05/23/2013                       |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Timothy Wells   | 05/24/2013                       |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Thomas Wingardner III   | 05/24/2013                       |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Ramiro Cabrera  | 07/02/2013                       |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| <b>RECEIVING PARTY DATA</b>   |                                  |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| <table border="1"> <tr> <td>Name:</td> <td>Covidien LP</td> </tr> <tr> <td>Street Address:</td> <td>15 Hampshire Street</td> </tr> <tr> <td>City:</td> <td>Mansfield</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02048</td> </tr> </table>  |                                  | Name:         | Covidien LP    | Street Address:     | 15 Hampshire Street | City:       | Mansfield  | State/Country: | MASSACHUSETTS | Postal Code:    | 02048      |                   |            |                   |            |               |            |                       |            |                |            |
| Name:   | Covidien LP                      |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Street Address:   | 15 Hampshire Street              |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| City:   | Mansfield                        |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| State/Country:  | MASSACHUSETTS                    |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Postal Code:  | 02048                            |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                  |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13932313</td> </tr> </tbody> </table>   |                                  | Property Type | Number         | Application Number: | 13932313            |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Property Type   | Number                           |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Application Number:   | 13932313                         |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| <b>CORRESPONDENCE DATA</b>  |                                  |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Fax Number:   | 2038212183                       |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>  |                                  |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Phone:  | 203-492-5000                     |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Email:  | Patents.Surgical@Covidien.com    |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Correspondent Name:   | Covidien LP                      |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Address Line 1:   | 555 Long Wharf Drive             |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |
| Address Line 2:   | Mailstop 8 N-1, Legal Department |               |                |                     |                     |             |            |                |               |                 |            |                   |            |                   |            |               |            |                       |            |                |            |

Address Line 4: NEW HAVEN, CONNECTICUT 06511

ATTORNEY DOCKET NUMBER: H-US-03657 (203-9123)

NAME OF SUBMITTER: Joseph Bender-Zanoni

Signature: /Joseph BENDER-ZANONI, Reg. #51454/

Date: 07/02/2013

**Total Attachments: 8**

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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: 1. Josh Snow  
2. Philip Irka  
3. Ethan Collins  
4. Joseph Costanzo  
5. Anthony Calderoni  
6. Michael Ingmanson  
7. Timothy Wells  
8. Thomas Wingardner, III  
9. Ramiro Cabrera

(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:

**APPARATUS FOR ENDOSCOPIC PROCEDURES**

and which is found in

- (a)  U.S. application Serial No. 13/932,313 filed on July 1, 2013.  
(b)  U.S. provisional application No. 61/669,253 filed on July 9, 2012.  
(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.

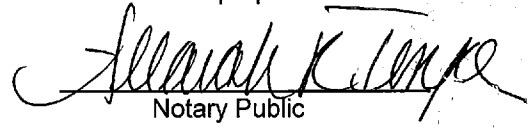


2.   
Philip Irka

5/23/2013  
(Date)

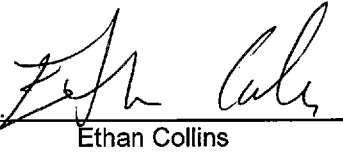
State of Connecticut )  
                                  ) ss North Haven  
County of New Haven )

Before me this 23<sup>rd</sup> day of May 2013, personally appeared Philip Irka 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

**ALLANAH R. TEMPE**  
**NOTARY PUBLIC**  
MY COMMISSION EXPIRES FEB. 28, 2014

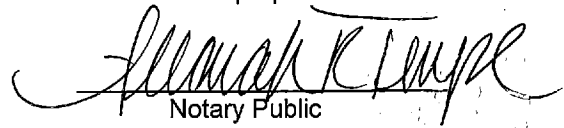
AFFIX SEAL

3.   
Ethan Collins

5/24/2013  
(Date)

State of Connecticut )  
                                  ) ss North Haven  
County of New Haven )

Before me this 24<sup>th</sup> day of May 2013, personally appeared Ethan Collins 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

**ALLANAH R. TEMPE**  
**NOTARY PUBLIC**  
MY COMMISSION EXPIRES FEB. 28, 2014

AFFIX SEAL





6. Michael Ingmanson  
Michael Ingmanson

2013-05-23  
(Date)

State of Connecticut )  
                                  ) ss North Haven  
County of New Haven )

Before me this 23<sup>rd</sup> day of May 2013, personally appeared Michael Ingmanson 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.

Allanah R. Tempe  
Notary Public

**ALLANAH R. TEMPE**  
**NOTARY PUBLIC**  
MY COMMISSION EXPIRES FEB. 28, 2014

AFFIX SEAL

7. Timothy Wells  
Timothy Wells

5-24-13  
(Date)

State of Connecticut )  
                                  ) ss North Haven  
County of New Haven )

Before me this 24<sup>th</sup> day of May 2013, personally appeared Timothy Wells 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.

Allanah R. Tempe  
Notary Public

**ALLANAH R. TEMPE**  
**NOTARY PUBLIC**  
MY COMMISSION EXPIRES FEB. 28, 2014

AFFIX SEAL





8. \_\_\_\_\_  
Thomas Wingardner, III

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

State of Connecticut )  
                                  ) ss North Haven  
County of New Haven )

Before me this \_\_\_\_\_ day of \_\_\_\_\_ 2013, personally appeared Thomas Wingardner, III 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

9. Ramiro Cabrera  
\_\_\_\_\_  
Ramiro Cabrera

<sup>7</sup> <sup>re</sup>  
8/02/13  
\_\_\_\_\_  
(Date)

State of Connecticut )  
                                  ) ss North Haven  
County of New Haven )

Before me this 2<sup>nd</sup> day of July 2013, personally appeared Ramiro Cabrera 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.

Allanah R. Tempre  
\_\_\_\_\_  
Notary Public  
**ALLANAH R. TEMPRE**  
**NOTARY PUBLIC**  
MY COMMISSION EXPIRES FEB. 28, 2014

AFFIX SEAL