

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT										
NATURE OF CONVEYANCE:	Corrective Assignment to correct the filing date of the Provisional Application from 11/01/2011 to 11/01/2010 on page 1 of the Assignment previously recorded on Reel 027145 Frame 0245. Assignor(s) hereby confirms the Assignment.										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Adam J. Ross</td> <td>10/26/2011</td> </tr> <tr> <td>Michael A. Zemlok</td> <td>06/28/2011</td> </tr> </tbody> </table>		Name	Execution Date	Adam J. Ross	10/26/2011	Michael A. Zemlok	06/28/2011				
Name	Execution Date										
Adam J. Ross	10/26/2011										
Michael A. Zemlok	06/28/2011										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Tyco Healthcare Group 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:	Tyco Healthcare Group LP	Street Address:	15 Hampshire Street	City:	Mansfield	State/Country:	MASSACHUSETTS	Postal Code:	02048
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Street Address:	15 Hampshire Street										
City:	Mansfield										
State/Country:	MASSACHUSETTS										
Postal Code:	02048										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13217407</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13217407						
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CORRESPONDENCE DATA											
<p>Fax Number: (203)821-2183</p> <p>Phone: 203-492-5000</p> <p>Email: sue.rickard@covidien.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Tyco Healthcare Group LP d/b/a Covidien</p> <p>Address Line 1: 555 Long Wharf Drive</p> <p>Address Line 2: MailStop 8 N-1</p> <p>Address Line 4: New Haven, CONNECTICUT 06511</p>											
ATTORNEY DOCKET NUMBER:	H-US-02292 (203-7088)										
NAME OF SUBMITTER:	Joseph Bender-Zanoni										

CH \$40.00 13217407

Total Attachments: 6

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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Adam J. Ross	10/26/2011
Michael A. Zemlok	06/28/2011
RECEIVING PARTY DATA	
Name:	Tyco Healthcare Group LP
Street Address:	555 Long Wharf Drive
Internal Address:	MailStop 8 N-1
City:	New Haven
State/Country:	CONNECTICUT
Postal Code:	06511
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13217407
CORRESPONDENCE DATA	
Fax Number:	(203)821-2183
Phone:	203-492-5000
Email:	sue.rickard@covidien.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Tyco Healthcare Group LP d/b/a Covidien
Address Line 1:	555 Long Wharf Drive
Address Line 2:	Mail Stop 8-N1, Legal Department
Address Line 4:	New Haven, CONNECTICUT 06511
ATTORNEY DOCKET NUMBER:	H-US-02292 (203-7088)
NAME OF SUBMITTER:	Joseph Bender-Zanoni
Total Attachments: 4 source=HUS02292Assignment#page1.tif source=HUS02292Assignment#page2.tif source=HUS02292Assignment#page3.tif source=HUS02292Assignment#page4.tif	

CH \$40.00 13217407

For: ☒ U.S. and/or ☒ Foreign Rights

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

By : ☒ Inventor(s) 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. Adam J. Ross
2. Michael A. Zemlok

(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:

TYCO Healthcare Group LP
555 Long Wharf Drive
MailStop 8 N-1
New Haven, CT 06511
USA

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:

WIRE SPOOL FOR PASSING OF WIRE THROUGH A ROTATIONAL COUPLING

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith.
- (b) ☒ U.S. patent application Serial No. 13/217,407 filed on 08/25/2011.
- (c) ☒ U.S. provisional application Serial No. 61/408,800 filed on 11/01/2010.
- (d) ☐ U.S. provisional application executed on even date herewith
- (e) ☐ U.S. Patent No. _____ issued _____.
- (f) ☐ PCT application No. _____
 filed on _____
- ☐ A change of address to which correspondence is to be sent
 regarding patent maintenance fees is being sent
 separately.
- (g) ☒ 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 covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;


ASSIGNORS hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

ASSIGNORS further covenants 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 therefor 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 therefor; 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 grants 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.

WARNING: Date of signing must be the **same as** the date of execution of the application if item (a) was checked above.

1. 
Adam J. Ross

10/24/11
Dated

2. _____
Michael A. Zemlok

Dated

[x] Notarization or Legalization Page Added.

or any continuation, continuation-in-part, divisional, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof

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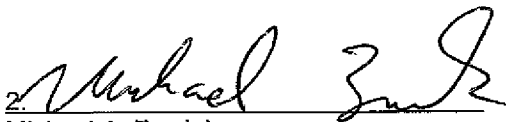
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1.
Adam J. Ross

Dated

2. 
Michael A. Zemlok

6/28/11
Dated

[X] Notarization or Legalization Page Added.

1.

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

Before me this ____ day of _____, 2011, personally appeared Adam J. Ross 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

2.

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

Before me this 28th day of June 2011, personally appeared Michael A. Zemlok 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

PATRICIA A. ZDANIS
NOTARY PUBLIC
State of Connecticut
My Commission Expires
August 31, 2015