

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2948478

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the ASSIGNORS AHMAD ROBERT HADBA EXEC DT: 04/07/2010 AND GERALD HODGKINSON EXEC DT: 04/09/2010 SHOULD BE REMOVED previously recorded on Reel 024485 Frame 0497. Assignor(s) hereby confirms the THE CORRECT INFORMATION CAN BE FOUND ON THE ASSIGNMENT DOCUMENT FILED JUNE 4, 2010.

## CONVEYING PARTY DATA

Name	Execution Date
MICHAEL BOGART	04/26/2010
GREGG KREHEL	05/04/2010
CHRISTOPHER FISHBEIN	06/03/2010
RUSSELL PRIBANIC	04/26/2010
DAVID KIRSCH	04/28/2010
KENNETH W. HORTON JR.	05/07/2010
TIMOTHY D. KOSA	04/26/2010
NICHOLAS MAIORINO	04/26/2010
MARK S. BUCHTER	05/05/2010
WILLIAM R. BOWNS	05/05/2010

## RECEIVING PARTY DATA

<b>Name:</b>	TYCO HEALTHCARE GROUP LP
<b>Street Address:</b>	15 HAMPSHIRE STREET
<b>City:</b>	MANSFIELD
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02048

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12415288

## CORRESPONDENCE DATA

Fax Number: (203)821-2183

*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: 203-492-5000

Email: Patents.Surgical@Covidien.com

Correspondent Name: COVIDIEN LP

Address Line 1: 555 LONG WHARF DRIVE

PATENT

<b>Address Line 2:</b>	MAILSTOP 8 N-1, LEGAL DEPARTMENT
<b>Address Line 4:</b>	NEW HAVEN, CONNECTICUT 06511

<b>ATTORNEY DOCKET NUMBER:</b>	H-US-01234 (203-5937)
<b>NAME OF SUBMITTER:</b>	KEVIN P. FERGUSON
<b>SIGNATURE:</b>	/Kevin P. FERGUSON, Reg. #51043/
<b>DATE SIGNED:</b>	07/22/2014

**Total Attachments: 21**

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TYCO HEALTHCARE GROUP LP COMPANY:60 MIDDLETOWN AVENUE

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

06/04/2010  
501195215

SUBMISSION TYPE:	NEW ASSIGNMENT																										
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Fax Number: (203)492-8232																											
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.																											
Phone: 203-492-5000																											
Email: Erlka.Edwards@Covidlen.com																											

CH \$40.00 12415288

TYCO HEALTHCARE GROUP LP COMPANY: 60 MIDDLETOWN AVENUE

**Correspondent Name:** Tyco Healthcare Group LP  
**Address Line 1:** 60 MIDDLETOWN AVENUE  
**Address Line 4:** NORTH HAVEN, CONNECTICUT 06473

**ATTORNEY DOCKET NUMBER:** H-US-01234 (203-5937)

**NAME OF SUBMITTER:** Megan Stopek

**Total Attachments: 7**

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TYCO HEALTHCARE GROUP LP COMPANY:60 MIDDLETOWN AVENUE

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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:** Michael Bogart  
 Gregg Krehel  
 Christopher Fishbein  
 Russell Pribanic  
 David Kirsch  
 Kenneth W. Horton, Jr.  
 Timothy D. Kosa  
 Nicholas Maiorino  
 Mark S. Buchter  
 William R. Bowns

(If assignment is by person or entity to whom invention was previously assigned and this was recorded in PTO add the following)

Recorded on: May 21, 2009  
 Reel 022721  
 Frame 0458

hereby sells, assigns and transfers to

**ASSIGNEE:** Tyco Healthcare Group LP  
60 Middletown Avenue  
North Haven, CT 06473  
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:

**DEPLOYMENT SYSTEM FOR SURGICAL SUTURE**

and which is found in

- (a) ☐ U.S. patent application executed on even date herewith.
- (b) ☐ U.S. patent application executed on \_\_\_\_\_.
- (c) ☒ U.S. application Serial No. 12/415288 filed on March 31, 2009.
- (d) ☒ U.S. provisional application No. 61/123900 filed on April 11, 2008.
- (e) ☐ U.S. Patent No. \_\_\_\_\_ issued \_\_\_\_\_.
- (f) ☒ PCT application No. PCT/US07/21482 filed on October 4, 2007
- ☒ PCT application No. PCT/US07/21412 filed on October 5, 2007
- ☒ PCT application No. PCT/US07/21447 filed on October 5, 2007
- ☒ PCT application No. PCT/US07/21449 filed on October 5, 2007
- ☒ PCT application No. PCT/US07/21457 filed on October 5, 2007

- [X] PCT application No. PCT/US07/21466 filed on October 5, 2007
- [X] PCT application No. PCT/US07/21495 filed on October 5, 2007
- [X] PCT application No. PCT/US07/21496 filed on October 5, 2007
- [X] PCT application No. PCT/US07/21506 filed on October 5, 2007
- [ ] A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.
- (g) [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.

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

Michael Bogart  
Michael Bogart

04/26/10  
(Dated)

State of Connecticut )  
 ) ss  
County of New Haven )

Before me this 26 day of April 2010,

personally appeared **Michael Bogart** 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.

Erika T. Edwards  
Notary Public

AFFIX SEAL

Erika T. Edwards  
Notary Public  
State of Connecticut  
My Commission Expires  
November 30, ~~2009~~ 2014

  
\_\_\_\_\_  
Gregg Krehel

5/4/10  
\_\_\_\_\_  
(Dated)

State of Connecticut    )  
                                  ) ss  
County of New Haven    )

Before me this 4 day of May 2010,

personally appeared **Gregg Krehel** 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

Erika T. Edwards  
Notary Public  
State of Connecticut  
My Commission Expires  
November 30, ~~2009~~ 2014


  
\_\_\_\_\_  
Christopher Fishbein

6/3/10  
\_\_\_\_\_  
(Dated)

State of Connecticut    )  
                                  ) ss  
County of New Haven    )

Before me this 3 day of June 2010,

personally appeared **Christopher Fishbein** 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

ERIKA T. EDWARDS  
NOTARY PUBLIC  
State of Connecticut  
My Commission Expires  
November 30, 2014

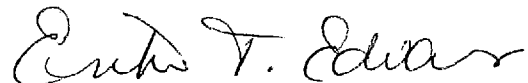
  
\_\_\_\_\_  
Russell Pribanic

4-26-2010  
(Dated)

State of Connecticut     )  
                                      ) ss  
County of New Haven    )

Before me this 26 day of April 2010,

personally appeared **Russell Pribanic** 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

Erika T. Edwards  
Notary Public  
State of Connecticut  
My Commission Expires  
November 30, ~~2009~~ 2014

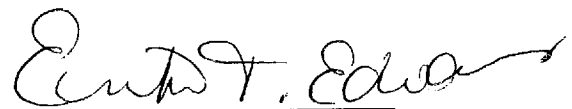
  
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David Kirsch

4/28/10  
(Dated)

State of Connecticut     )  
                                      ) ss  
County of New Haven    )

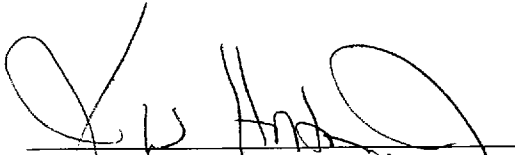
Before me this 28 day of April 2010,

personally appeared **David Kirsch** 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

Erika T. Edwards  
Notary Public  
State of Connecticut  
My Commission Expires  
November 30, ~~2009~~ 2014


  
\_\_\_\_\_  
Kenneth W. Horton, Jr.

5/7/2010  
(Dated)

State of Connecticut )  
                                  ) ss  
County of New Haven )

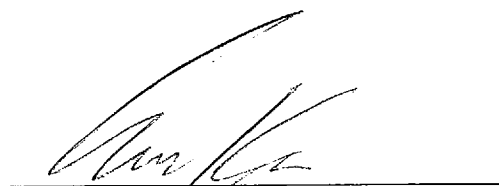
Before me this 7 day of May 2010,

personally appeared **Kenneth W. Horton, Jr.** 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

Erika T. Edwards  
Notary Public  
State of Connecticut  
My Commission Expires  
November 30, ~~2009~~ 2014

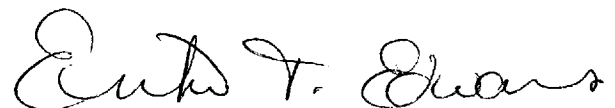
  
\_\_\_\_\_  
Timothy D. Kosa

4/26/10  
(Dated)

State of Connecticut )  
                                  ) ss  
County of New Haven )

Before me this 26 day of April 2010,

personally appeared **Timothy D. Kosa** 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

Erika T. Edwards  
Notary Public  
State of Connecticut  
My Commission Expires  
November 30, ~~2009~~ 2014

  
Nicholas Maiorino

4-26-10  
(Dated)

State of Connecticut )  
                                  ) ss  
County of New Haven )

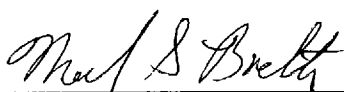
Before me this 26 day of April 2010,

personally appeared **Nicholas Maiorino** 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

Erika T. Edwards  
Notary Public  
State of Connecticut  
My Commission Expires  
November 30, ~~2009~~ 2014

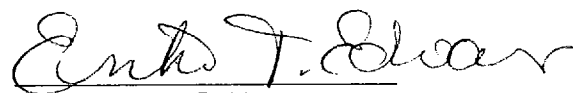
  
Mark S. Buchter

5-5-2010  
(Dated)

State of Connecticut )  
                                  ) ss  
County of New Haven )

Before me this 5 day of May 2010,

personally appeared **Mark S. Buchter** 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

Erika T. Edwards  
Notary Public  
State of Connecticut  
My Commission Expires  
November 30, ~~2009~~ 2014

William R. Bowns

William R. Bowns

5-5-2010

(Dated)

State of Connecticut    )  
                                  ) ss  
County of New Haven    )

Before me this 5 day of May 2010,

personally appeared **William R. Bowns** 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.

Erika T. Edwards  
Notary Public

AFFIX SEAL

Erika T. Edwards  
Notary Public  
State of Connecticut  
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November 30, ~~2009~~ 2014