

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3321039

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RYAN C. ARTALE	10/29/2010
THOMAS MEISER	11/02/2010
WILLIAM J. DICKHANS	10/15/2010
STEVEN E. BUTCHER	10/15/2010
DENNIS W. BUTCHER	10/15/2010
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TYCO HEALTHCARE GROUP LP
<b>Street Address:</b>	5920 LONGBOW DRIVE
<b>City:</b>	BOULDER
<b>State/Country:</b>	COLORADO
<b>Postal Code:</b>	80301-3299
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14692920
<b>Application Number:</b>	14692907
<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>	SurgicalUS@covidien.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>	H-US-02514CON&DV
<b>NAME OF SUBMITTER:</b>	THOMAS A. BEATON
<b>SIGNATURE:</b>	/Thomas A. BEATON/
<b>DATE SIGNED:</b>	04/22/2015

**Total Attachments: 4**

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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:**

**Ryan C. Artale  
Thomas Meiser  
William J. Dickhans  
Steven E. Butcher  
Dennis W. Butcher**

(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  
(Type or print name of ASSIGNEE)  
Address  
5920 Longbow Drive  
Boulder, CO 80301-3299  
U.S.A.  
Nationality

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:

**BLADE DEPLOYMENT MECHANISMS FOR SURGICAL FORCEPS**

(title of invention)

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. 12/896,100 filed on October 1, 2010.
- (d)  U.S. provisional application No. \_\_\_\_\_  
filed on \_\_\_\_\_.
- (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;


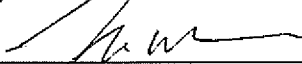
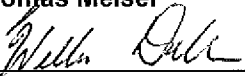
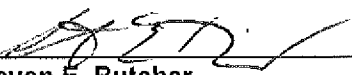

ASSIGNORS hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all such Letters Patent to ASSIGNEE:

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.

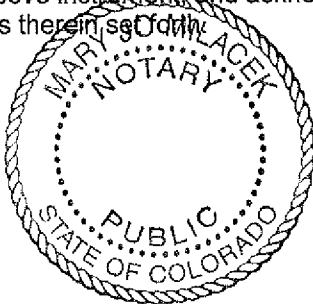
 _____ Ryan C. Artale	10/29/10 _____ Dated
 _____ Thomas Meiser	11/2/10 _____ Dated
 _____ William J. Dickhans	10-15-10 _____ Dated
 _____ Steven E. Butcher	10-15-10 _____ Dated
 _____ Dennis W. Butcher	10-15-10 _____ Dated

[X] Notarization or Legalization Page Added.

State of Colorado )  
 ) ss  
County of Boulder )

Before me this 29 day of October 2010,

personally appeared **Ryan C. Artale** 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.



Mary Jo Milacek  
Notary Public

AFFIX SEAL

State of Colorado )  
 ) My Commission Expires 02/28/2011  
 ) ss  
County of Boulder )

Before me this 2nd day of November 2010,

personally appeared **Thomas Meiser** 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.



Mary Jo Milacek  
Notary Public

AFFIX SEAL

State of Colorado )  
 ) My Commission Expires 02/28/2011  
 ) ss  
County of Boulder )

Before me this 15 day of October 2010,

personally appeared **William J. Dickhans** 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.



Mary Jo Milacek  
Notary Public

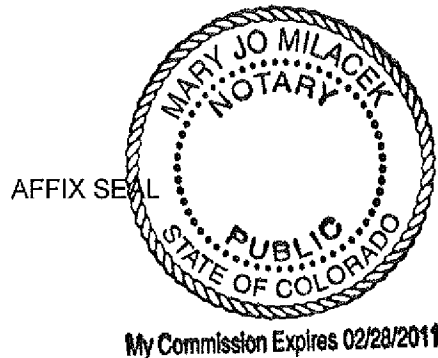
AFFIX SEAL

My Commission Expires 02/28/2011

State of Colorado )  
County of Boulder ) ss

Before me this 15 day of October 2010,

personally appeared **Steven E. Butcher** 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.

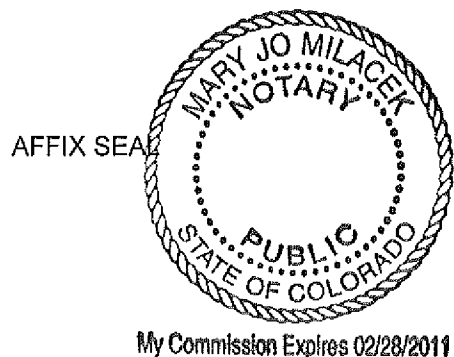


Mary Jo Milacek  
Notary Public

State of Colorado )  
County of Boulder ) ss

Before me this 15 day of October 2010,

personally appeared **Dennis W. Butcher** 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.



Mary Jo Milacek  
Notary Public