## 503216414 03/12/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3263030

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
DAVID M. GARRISON	01/06/2012
JAMES D. ALLEN IV	01/03/2012
JEFFREY R. UNGER	12/13/2011
DUANE E. KERR	12/19/2011
SEAN T. ONEILL	01/20/2012
PETER M. MUELLER	01/03/2012
KIM V. BRANDT	12/13/2011
JAMES S. CUNNINGHAM	12/21/2011
KEIR HART	12/13/2011
DANIEL A. JOSEPH	12/13/2011
JASON T. SANDERS	12/19/2011
ROBERT M. SHARP	12/20/2011

#### **RECEIVING PARTY DATA**

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

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14635124

#### **CORRESPONDENCE DATA**

**Fax Number:** (303)581-6632

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:** 303-530-2300

Email: SURGICALUS@COVIDIEN.COM

Correspondent Name: COVIDIEN LP

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Address Line 2: ATTN: IP LEGAL

503216414 REEL: 035151 FRAME: 0607

PATENT

Address Line 4: BOL	JLDER, COLORADO 80301
ATTORNEY DOCKET NUMBER:	H-EB-00310CON(203-8239CON
NAME OF SUBMITTER:	THOMAS A. BEATON
SIGNATURE:	/Thomas A. BEATON/ Reg. #46543
DATE SIGNED:	03/12/2015
Total Attachments: 18	
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source=FinalAssignment#page2.tif	
source=FinalAssignment#page3.tif	
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PATEN1

For: [X] U.S. and/or [X] Foreign Rights
For: [X] U.S. Application or [] U.S. Patent
By: [X] 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**:

David M. Garrison
James D. Allen, IV
Jeffrey R. Unger
Duane E. Kerr
Sean T. O'Neill
Peter M. Mueller
Kim V. Brandt
James S. Cunningham
Keir Hart
Daniel A. Joseph
Jason T. Sanders
Robert M. Sharp

was recorded in PTO add the following)  Recorded on:  Reel	rson or entity to whom invention was previously ass	igned and this
hereby sells, assigns and transfers to		
ASSIGNEE:		
and the successors, assigns and legal r	TYCO Healthcare Group LP (Type or print name of ASSIGNEE) Address 15 Hampshire Street Mansfield, MA 02048 U.S.A. Nationality representatives of the ASSIGNEE	
[X] the entire right, title and interest		
[] an undivided perce possessions	ent (%) interest for the United States and its	territorial
future infringement, in the United States	g all rights to claim priority, the right to sue for preses, its territorial possessions, and in all foreign countre invention and any and all improvements entitled:	
SURGICAL INSTRUMENT WITH RES	SILIENT DRIVING MEMBER AND RELATED METI	HODS OF USE
and which is found in	(title of invention)	

Page 1 of 9

(a) (b) (c) (d)	[x] [] []	U.S. patent application executed on even date herewith. U.S. patent application executed on U.S. application Serial Nofiled on U.S. provisional application No			
(e) (f)	[]	filed on  U.S. Patent No issued  PCT application No  filed on			
(g)	[] [X]	A change of address to which correspondence is to be sent regarding patent maintenance fees is being sent separately.  and any legal equivalent thereof in a foreign country, including the right to claim priority			
(9)	[/]	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			
has be	en or will	ASSIGNORS hereby covenants that no assignment, sale, agreement or encumbrance be made or entered into which would conflict with this assignment;			
Traden	narks to i	ASSIGNORS hereby authorizes and requests the Commissioner of Patents and ssue all such Letters Patent to ASSIGNEE:			
equival and de Letters represe or parts oaths a compe	ents; to t liver any Patents entatives; s thereof, and do all	ASSIGNORS further covenants to promptly provide all pertinent facts and documents essible to ASSIGNORS relating to said invention and said Letters Patent and legal estify as to the same in any interference, litigation or proceeding related thereto; to execute and all papers that may be necessary or desirable to perfect the title to said invention or any which may be granted therefor in said ASSIGNEE, its successors, assigns or other legal to execute any additional or divisional applications for patents for said invention, or any part and for the reissue of any Letters Patents to be granted therefor; and to make all rightful lawful acts requisite for procuring the same or for aiding therein, all without further out at the sole expense of ASSIGNEE, its successors, assigns, or other legal			
Serial I them.	No. and/o	ASSIGNORS hereby grants ASSIGNEE and Assignee's attorneys the power to insert the or filing date of the above-described application(s) after such information becomes known to			
IN WIT	NESS W	HEREOF, I/We have hereunto set hand and seal.			
WARN	ING:	Date of signing must be the <b>same as</b> the date of execution of the application if item (a) was checked above.			
David	awd M. Garris	1/6/2012 Dated  1/3/2012			
James	nness D. Allen	$\frac{1/3/2012}{\text{Dated}}$			
haa	1. W/	V2/13/11			
Jeffrey	R. Unge	Dated Dated			
<u>Duane</u>	<i>Wanu</i> E. Kerr				

Page 2 of 9

Sean <b>7</b> . O'Neill	Dated
Leter W. Uluster	1/3/2012
Peter M. Mueller	Dated
Y. V.	12/13/2011
Kim V Brandt	Dated
	12-21-2011
James S. Cunningham	Dated
The US	12/13/11
Keir Hart	Dated
Land a sun	12/3/11
Daniel A. Joseph	Dated /
Jasonsale	12/19/11
Jason V. Sanders	Dated '
M/M/)	12/20/11
Robert M. Sharp	Dated

[X] Notarization or Legalization Page Added.

State of Colorado	)
County of Boulder	) ss )
Ве	fore me this <u>(a</u> day of <u>January</u> 2014,
personally appeare	d <b>David M. Garrison</b> to me personally known to be the person described in and who instrument, and acknowledged to me that he/she executed the same of his own free will be a forth.
AFFIX SEAL	My Commission Expires 02/28/2015
State of Colorado	)
County of Boulder	) ss )
Be	fore me this <u>3</u> day of <u>January</u> 2014,
personally appeared	d <b>James D. Allen, IV</b> to me personally known to be the person described in and who instrument, and acknowledged to me that he/she executed the same of his own free will
AFFIX SEAL	Mary Public Notary Public

State of Colorado  County of Boulder	) ) ss		
•	s <u>13</u> day of <u>December</u> 2011,		
personally appeared <b>Jeffrey</b> F	R. Unger to me personally known to be the person described in and who t, and acknowledged to me that he/she executed the same of his own free will		
AFFIX SEAL	Notary Public		
My Commission Expires 02/28/2015			
State of Colorado	)		
County of Boulder	) ss )		
Before me this	s 19 day of Occember 2011,		
personally appeared <b>Duane E.</b> executed the above instrument for the purposes therein set for	<b>Kerr</b> to me personally known to be the person described in and who t, and acknowledged to me that he/she executed the same of his own free will th.		
AFFIX SEAL	JO MILANDO Mary Public  Notary Public		

Page 5 of 9

State of Colorado )		
County of Boulder )	SS	
Before me this	_ day of	_ 2011,
		n to be the person described in and who at he/she executed the same of his own free will
		Notary Public
AFFIX SEAL		
State of Colorado )		
County of Boulder )	SS	
Before me this $3$	day of <u>January</u>	12 _ 201 <del>1</del> ,
personally appeared Peter M. Muell	ler to me personally know	n to be the person described in and who t he/she executed the same of his own free will
AFFIX SEAL	ARI CITA	Mary Public

Page 6 of 9

State of Colorado	)	
County of Boulder	) SS )	
Before me this	13 day of <u>Occamber</u> 2011,	
	randt to me personally known to be the person described in and who, and acknowledged to me that he/she executed the same of his own free will th.	
AFFIX SEAL  My Commission E	Notary Public  Notary Public  Expires 02/28/2015	
State of Colorado	)	
County of Boulder	) ss )	
Before me this	21 day of Occumber 2011,	
personally appeared <b>James S. Cunningham</b> 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.		
AFFIX SEAL	Notary Public	

Page 7 of 9

State of Colorado	)
County of Boulder	) SS )
Before me ti	is <u>13</u> day of <u>Occamber</u> 2011,
personally appeared <b>Keir Ha</b> above instrument, and acknown purposes therein set forth.	t to me personally known to be the person described in and who executed the wledged to me that he/she executed the same of his own free will for the
AFFIX SEAL  My Comm	Notary Public  Notary Public  Sion Expires 02/28/2015
State of Colorado	)
County of Boulder	) SS )
Before me th	s <u>13</u> day of <u>December</u> 2011,
	Joseph to me personally known to be the person described in and who at, and acknowledged to me that he/she executed the same of his own free will orth.
AFFIX SEAL	Notary Public

My Commission Expires 02/28/2015
Page 8 of 9

State of Colorado ) ) ss
County of Boulder )
Before me this <u>/9</u> day of <u>December</u> 2011,
personally appeared <b>Jason T. Sanders</b> 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 wifer the purposes therein set forth.
AFFIX SEAL  My Commission Expires 02/28/2015
State of Colorado ) ) ss
County of Boulder )
Before me this <u>20</u> day of <u>Desember</u> 2011,
personally appeared <b>Robert M. Sharp</b> 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.
Many o Melaceh  Notary Public

My Commission Expires 02/28/2015

AFFIX SEAL

Page 9 of 9

PATENT

For: [X] U.S. and/or [X] Foreign Rights
For: [X] U.S. Application or [] U.S. Patent
By: [X] 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**:

David M. Garrison
James D. Allen, IV
Jeffrey R. Unger
Duane E. Kerr
Sean T. O'Neill
Peter M. Mueller
Kim V. Brandt
James S. Cunningham
Keir Hart
Daniel A. Joseph
Jason T. Sanders
Robert M. Sharp

was recorded ir	PTO add the foll	s by person or entity to whom invention was previo lowing)	
hereby sells, as	signs and transfe		
ASSIGNEE:			
		TYCO Healthcare Group LP	
		(Type or print name of ASSIGNEE)	
		Address	
		15 Hampshire Street	
		Mansfield, MA 02048	
		U.S.A.	
and the success	sors, assigns and	Nationality legal representatives of the ASSIGNEE	
[X] the entire ri	ght, title and inter	est	
[] an undivided possessions		_ percent (%) interest for the United State	s and its territorial
future infringem	ent, in the United	ncluding all rights to claim priority, the right to sue States, its territorial possessions, and in all foreig ad to the invention and any and all improvements o	n countries, including all
SURGICAL IN	STRUMENT WIT	H RESILIENT DRIVING MEMBER AND RELATE	D METHODS OF USE
and which is fou	nd in	(title of invention)	
		Page 1 of 9	

(a) (b) (c) (d)	[x] [] []	U.S. patent application executed or U.S. patent application executed or U.S. application Serial NoU.S. provisional application No filed on	n filed on	
(e) (f)	[]	filed on U.S. Patent No PCT application No filed on	issued	
(g)	[]	A change of address to which corre regarding patent maintenant separately.  and any legal equivalent thereof in and, in and to, all Letters Patent to or any continuation, continuation-in to letters patent any reissue or re-e	nce fees is being sent a foreign country, including the be obtained for said invention l -part, divisional, renewal, or su	by the above application
has be	en or wil	ASSIGNORS hereby covenants that the last section is a section of the section which would be made or entered into the contract of the contract		
Trader	marks to	ASSIGNORS hereby authorizes an issue all such Letters Patent to ASS		of Patents and
equiva and de Letters repres or part oaths a compe repres	lents; to eliver any e Patents entatives s thereof and do al ensation, entatives	ASSIGNORS hereby grants ASSIG	ence, litigation or proceeding re ry or desirable to perfect the tit id ASSIGNEE, its successors, nal applications for patents for attents to be granted therefor; a ne same or for aiding therein, a EE, its successors, assigns, or on NEE and Assignee's attorneys	elated thereto; to execute le to said invention or any assigns or other legal said invention, or any part and to make all rightful Il without further other legal
them.	No. and/	or filing date of the above-described	application(s) after such inform	ation becomes known to
IN WIT	NESS V	VHEREOF, I/We have hereunto set h	nand and seal.	
WARN	ING:	Date of signing must be the <b>same</b> a was checked above.	<b>s</b> the date of execution of the	application if item (a)
David	M. Garri	son	Dated	
James	D. Aller	n, IV	Dated	
Jeffrey R. Unger Dated				
Duane	E. Kerr		Dated	

Sean T. O'Neill	1/20/2012 Dated
Peter M. Mueller	Dated
Kim V. Brandt	Dated
James S. Cunningham	Dated
Keir Hart	Dated
Daniel A. Joseph	Dated
Jason T. Sanders	Dated
Pobort III Chara	Datad

[X] Notarization or Legalization Page Added.

State of Colorado	)		
County of Boulder	) ss )		
Before me this _	day of	2011,	
	and acknowledged to me th	nown to be the person described in and who nat he/she executed the same of his own free will	
	_	Notary Public	
AFFIX SEAL			
State of Colorado	)		
County of Boulder	) ss )		
Before me this _	day of	2011,	
personally appeared <b>James D. Allen, IV</b> 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

State of Colorad	)			
County of Boulde	er )	SS		
	Before me this _	day of	2011,	
	ove instrument, a		known to be the person described in a ne that he/she executed the same of his	
			Notary Public	
AFFIX SEAL				
State of Colorado	)	SS		
County of Boulde	r )	33		
	Before me this	day of	2011,	
	ve instrument, ar		own to be the person described in and e that he/she executed the same of his	
			Notary Public	
AFFIX SEAL				

Page 5 of 9

State of Colorado CA ) ss .  County of Boxider SANKA CLARA)	
Before me this 20 day of JAD	11 P. 2011,
personally appeared Soan T. O'Neill to me personal executed the above instrument, and acknowledged for the purposes therein set forth.	illy known to be the person described in and who to me that he/she executed the same of his own free will
	Notary Public
AFFIX SEAL	
KOO HWA KIM Commission # 1850382 Notary Public - California Santa Clara County My Comm. Expires May 22, 2013	
State of Colorado )	
County of Boulder ) ss	
Before me this day of	2011,
personally appeared <b>Peter M. Mueller</b> to me persona executed the above instrument, and acknowledged to for the purposes therein set forth.	ally known to be the person described in and who o me that he/she executed the same of his own free will
	Notary Public
	HOWLY F MARIO

Page 6 of 9

AFFIX SEAL

State of Colorado	)	
County of Boulder	) ss )	
Before me this	day of	_ 2011,
	and acknowledged to me that	to be the person described in and who at he/she executed the same of his own free will
	_	Notary Public
AFFIX SEAL		
State of Colorado	`	
County of Boulder	) ) ss )	
Before me this _	day of	_ 2011,
personally appeared <b>James S. C</b> who executed the above instrum free will for the purposes therein	ent, and acknowledged to m	lly known to be the person described in and e that he/she executed the same of his own
		Notary Public

Page 7 of 9

AFFIX SEAL

State of Colorado	)		
County of Boulder	) ss )		
Before m	ne this day of	2011,	
personally appeared <b>Keir</b> above instrument, and ac purposes therein set forth	knowledged to me that he/s	vn to be the person described in and who e he executed the same of his own free will f	xecuted the or the
		Notary Public	<del></del>
AFFIX SEAL			
State of Colorado	)		
County of Boulder	) ss )		
Before me	e this day of	2011,	
personally appeared <b>Dani</b> executed the above instru for the purposes therein so	ment, and acknowledged to	ally known to be the person described in an me that he/she executed the same of his o	d who own free will
		Notary Public	-
AFFIX SEAL			

Page 8 of 9

State of Colorado	)			
County of Boulder	)	SS		
Befor	e me this	day of	2011,	
personally appeared executed the above in for the purposes there	nstrument, ar	nders to me persor nd acknowledged to	nally known to be the person descr o me that he/she executed the san	ribed in and who ne of his own free wil
			Notary Public	
AFFIX SEAL				
State of Colorado	)	SS		
County of Boulder	)			
Before	e me this	_ day of	2011,	
personally appeared <b>R</b> executed the above in for the purposes there	strument, an	narp to me personal d acknowledged to	lly known to be the person describ me that he/she executed the sam	ed in and who e of his own free will
			Notary Public	
			·	
AFFIX SEAL				

Page 9 of 9