10/13/2015 503520543

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SEAN T. ONEILL	10/01/2013
JESSICA E.C. OLSON	09/24/2013

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29542274

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: 303-530-6138

Email: SurgicalUS@covidien.com

Correspondent Name: COVIDIEN LP ATTN: IP LEGAL

Address Line 1: 5920 LONGBOW DRIVE

Address Line 2: MAIL STOP A36

Address Line 4: BOULDER, COLORADO 80301-3299

ATTORNEY DOCKET NUMBER:	H-EB-00206CON DES
NAME OF SUBMITTER:	THOMAS A. BEATON
SIGNATURE: /Thomas A. BEATON/ Reg. #46543	
DATE SIGNED:	10/13/2015

Total Attachments: 4

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> **PATENT** REEL: 036782 FRAME: 0083

503520543

PATENT

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

ASSIG	SNORS:	Sean T. O'Neill
		Jessica E.C. Olson
	ignment add the fo	is by person or entity to whom invention was previously assigned and this was recorded in collowing) Recorded on: Reel Frame
hereby	y sells, as	ssigns and transfers to
ASSIG	SNEE:	Covidien LP 15 Hampshire Street Mansfield, MA 02048 US
and th	e succes	sors, assigns and legal representatives of the ASSIGNEE
[X] th	e entire r	ight, title and interest
	undivide ssions	d percent (%) interest for the United States and its territorial
future	infringen	preign countries, including all rights to claim priority, the right to sue for present, past and nent, in the United States, its territorial possessions, and in all foreign countries, including all rention rights in and to the invention and any and all improvements entitled:
		SURGICAL INSTRUMENT
اردد استدن	.:_!_ :_ £ _	(Title)
and w	hich is fo	
(a) (b) (c) (d)	[x] [x] []	U.S. application Serial No filed on U.S. provisional application No61/714,591 filed on _October 16, 2012. U.S. Patent No issued PCT application No filed on
(u)	[]	A change of address to which correspondence is to be sent regarding patent
(e)	[x]	maintenance fees is being sent separately. 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.

Sean	T. O'Neill		10/1/2013 (Date)
State of)) ss		
County of)		
to me persona acknowledged	Ily known to be the p	erson described in a	2013, personally appeared Sean T. O'Nei and who executed the above instrument, and his own free will for the purposes therein set forth.
	SEE ATTAI NOTAN	CHED FORM FOR PRESTIFICATE	Notary Public

AFFIX SEAL

ALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT		
State of California County of San Luis Ohis	po }	
On Oct. 1, 2013 before me, Chr.	istopher Brian Carlisle, Notary Public, ere Insert Name of Officer	
Personally appeared Sean Name(s) of Signer(s)), Oyeiji	
CHRISTOPHER BRIAN CARLISLE Commission # 2035594 Notary Public - California San Luis Obispo County My Comm. Expires Aug. 2, 2017	Who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s); or the entity upon behalf of which the person(s) acted, executed the instrument. I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct. WITNESS my hand and official seal.	
Place Notary Scal Above	OPTIONAL	
Though the information below is not rec and could prevent fraudulent	quired by law, it may prove valuable to persons relying on the document removal and reattachment of this form to another document.	
Description of Attached Document Title or Type of Document: 155 gn Document Date: 1 2013	Ment of Invention Number of Pages: 3	
Signer(s) Other Than Named Above:	Jessica E.C. Olson	
Capacity(ies) Claimed by Signer(s) Signer's name: Individual Corporate Officer Title(s): Partner — Limited General Attorney in fact Trustee Guardian or Conservator Other: Signer is Representing:	Signer's name: Individual Corporate Offiser — Title(s): Partner — Limited General Attorney in fact Trustee Guardian or Conservator Other: Signer is Representing:	

PATENT REEL: 036782 FRAME: 0086

Jessica E.C.	olson Olson	
State of Colorado County of Boulder)	
) ss	
County of Boulder)	
		day of <u>Jeptember</u> 2013, personally appeared Jessica E.C. the person described in and who executed the above instrument, and
acknowledged to me th	nat he/she exed	cuted the same of his own free will for the purposes therein set forth.

Mary Mulacek Notary Public

AFFIX SEAL

My Commission Expires 02/28/2015

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RECORDED: 10/13/2015