

## PATENT ASSIGNMENT COVER SHEET

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<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	COVIDIEN AG	12/01/2016
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	COVIDIEN LP	
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<b>State/Country:</b>	MASSACHUSETTS	
<b>Postal Code:</b>	02048	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14826426
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<b>ATTORNEY DOCKET NUMBER:</b>	H-EB-00831US01	
<b>NAME OF SUBMITTER:</b>	STEPHEN B. PERKINS	
<b>SIGNATURE:</b>	/Stephen B. PERKINS/Reg #45009	
<b>DATE SIGNED:</b>	02/19/2019	
<b>Total Attachments: 4</b>		
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## DEED OF ASSIGNMENT

THIS DEED OF ASSIGNMENT IS EXECUTED BY

Covidien AG  
Address: Victor von Bruns-Strasse 19, 8212 Neuhausen am Rheinfall, Switzerland  
(hereinafter 'Assignor')

IN FAVOUR OF

Covidien LP  
Address: 15 Hampshire Street, Mansfield, MA 02048, U.S.A.  
(hereinafter 'Assignee')

WHEREAS the Assignor is the sole owner of invention(s) and patent application(s) titled:

**See Attached Schedule A**

hereinafter referred to as the "Inventions"

WHEREAS Assignee is desirous of acquiring the full (100%) share in the right, title and interest in, to and under the Inventions above and the patent application with the filing number listed above, including all patents that may issue thereof, and the inventions covered thereby;

NOW THEREFORE, with reference to Section 5.1 (a) of the Amended and Restated Medical-Surgical Cost Sharing Agreement effective as of January 5, 2009, Assignor as legal and beneficial owner hereby does assign and transfer to Assignee, its successors, legal representatives and assign absolutely and free from all incumbrances, the full interest of Assignor's right and title in the Inventions above and in the patent application with the filing number listed above as well as in all patent applications, utility model applications, design applications filed in any country and other intellectual property rights basing priority on the patent application above including the right to claim priority under the Paris Convention for the Protection of Industrial Property, all re-examination applications, all re-issue applications, and any patents, utility models, designs or other intellectual property rights which may issue for the Inventions above. All interests in property in the Inventions and applications above are herewith transferred to the Assignee.

Assignor further agrees to execute all such further papers and perform such other acts as assignee may reasonably request to obtain or maintain such patents, utility models, designs or other intellectual property rights.

Authorized signatory of Assignor

Signature

Name:

Håkan Olsson, Director

Place, Date:

Neuhausen am Rhf., Switzerland, 01. Dez. 2016

Witness of Assignor:

Signature

Name:

Regina Hertach

Place, Date:

Neuhausen am Rhf., Switzerland, 01. Dez. 2016

Assignee hereby acknowledges and agrees to such assignment and transfer

Authorized signatory of Assignee

Signature

Name:

Thomas A. Beaton

Place, Date:

Boulder, CO 12/13/16  
USA

Witness of Assignee:

Signature:

Name:

Kim Blair

Place, Date:

Boulder, CO 12/13/16  
USA

# SCHEDULE A

## Patents and Patent Applications

Docket Number	Application No. Filing Date	Application No.	Title
355707	02/06/2015	PCT/CN2015/072371	CONTROLLING JAW FORCES WITH SPRING ASSEMBLY
355721	04/24/2015	PCT/CN2015/077340	DISPOSABLE CONNECTOR FOR USE WITH REUSABLE VESSEL SEALING DIVIDER DEVICE
355737	04/24/2015	PCT/CN2015/077335	HYPERFINE DISSECTION VESSEL SEALING DIVIDER DEVICE WITH LEAPFROGGING FUNCTION
355739	08/26/2015	PCT/CN2015/088088	ELECTROSURGICAL END EFFECTOR ASSEMBLIES AND ELECTROSURGICAL FORCEPS CONFIGURED TO REDUCE THERMAL SPREAD
356008	06/17/2015	PCT/CN2015/081636	GUIDED ULTRASOUND BREAST CANCER SCREENING SYSTEM
356024	07/17/2015	PCT/CN2015/084306	ELECTROSURGICAL INSTRUMENTS FOR CONTROLLING THERMAL DAMAGE
356612	05/05/2016	PCT/CN2016/081095	SURGICAL FORCEPS FOR TREATING AND CUTTING TISSUE
356613	02/05/2016	PCT/CN2016/073584	ARTICULATION ASSEMBLIES FOR USE WITH ENDOSCOPIC SURGICAL INSTRUMENTS
356617	05/05/2016	PCT/CN2016/081087	VESSEL SEALING AND DIVIDING LAPAROSCOPIC DEVICE
H-EM-00231	04/24/2015	PCT/CN2015/077339	MULTIFUNCTIONAL VESSEL SEALING AND DIVIDER DEVICE
H-EM-00237	04/24/2015	PCT/CN2015/077341	HYPERFINE DISSECTION VESSEL SEALING DIVIDER FORCEPS
H-EM-00246	04/24/2015	PCT/CN2015/077336	VESSEL SEALING DEVICE WITH FINE DISSECTION FUNCTION
H-EB-00831	August 14, 2015	US - 14/826426	DESIGNS AND METHODS TO FACILITATE SWALLOWING OF A TETHERED CELL COLLECTION DEVICE
356108	January 11, 2016	US - 14/992075	Jaw force control for Electrosurgical Forceps

Docket Number	Application No. Filing Date	Application No.	Title
356275	May 4, 2016	US - 15/146329	SYSTEMS FOR SENSING POSITION OF IMAGING DEVICE
H-EM-00246	April 24, 2015	PCT/CN2015/077336	VESSEL SEALING DEVICE WITH FINE DISSECTION FUNCTION
356006PRO	November 6, 2014	US - 62/076132	MOUNTING NDI SENSORS
356006	November 3, 2015	US - 14/930990	SYSTEM FOR TRACKING AND IMAGING A TREATMENT PROBE
356278	November 5, 2015	US - 14/933166	DEPLOYMENT AND SAFETY MECHANISMS FOR SURGICAL INSTRUMENTS
356279	January 23, 2016	US - 15/004919	KNIFE TRIGGER FOR VESSEL SEALER