505562052 07/09/2019

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
COVIDIEN AG	01/22/2018

## **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:	16476472

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	356712US01(203-11160)
NAME OF SUBMITTER:	STEPHEN B. PERKINS
SIGNATURE:	/Stephen B. PERKINS/
DATE SIGNED:	07/09/2019

### **Total Attachments: 4**

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PATENT REEL: 049699 FRAME: 0063

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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.

PATENT REEL: 049699 FRAME: 0064

Authorized signatory of Assignor	
Signature	
Name: Hakan Olfpy)	
Name: Hakan Olser V Place, Date: Neuhausen am Rhelinfall, Skitzerland	2 2. Jan. 2018
Witness of Assignor:	
Signature & Herstoolija	
Name: Region Hertadi	
Place, Date: Newhausen am Rheinfall, Skitzenland,	? 2. Jan. 2018
Assignee hereby acknowledges and agrees to such assignment and transfer	
Authorized signatory of Assignee	4
Signature	
Name: Thomas A. Beaton	
Place, Date: Boulder, CO-US 1/26/18	
Witness of Assignee:	
Signature: Un P	
Name: Kim Blair	
Place, Date:	
Place, Date: Boulder, CO-US 1/26/18	

## SCHEDULE A

# **Patents and Patent Applications**

Docket Number	Filing Date	Application No.	Title
C00015020	August 2, 2017	US - 15/666,784	SURGICAL INSTRUMENTS FOR ENGAGING TISSUE TO STABILIZE TISSUE AND FACILITATE TISSUE MANIPULATION
C00015411	June 16, 2017	US - 29/607,810	VESSEL SEALER FOR TONSILECTOMY
C00015666	July 10, 2017	US - 15/645,429	SURGICAL INSTRUMENTS FOR TISSUE REMOVAL
C00013914	June 8, 2017	US - 15/617,283	KNIFE LOCKOUT FOR ELECTROSURGICAL FORCEPS
C00013832	February 9, 2017	US - 15/428,609	ADAPTERS, SYSTEMS INCORPORATING THE SAME, AND METHODS FOR PROVIDING AN ELECTROSURGICAL FORCEPS WITH CLIP-APPLYING FUNCTIONALITY
356276	May 19, 2017	US - 15/600,304	SYSTEMS AND METHODS FOR TRACKING AND IMAGING A TREATMENT PROBE HAVING AN INTEGRATED SENSOR
C00015858	June 8, 2017	US - 15/617,633	ELECTROSURGICAL APPARATUS
C00015070	July 31, 2017	CN - 201720945695.X	Hemostat
C00015292	March 13, 2017	PCT - PCT/CN2017/076429	ENERGY-BASED SURGICAL INSTRUMENT FOR GRASPING, TREATING, AND/OR CUTTING TISSUE
356662	October 9, 2016	PCT - PCT/CN2016/101557	SYSTEM AND METHOD FOR DRIVING ULTRASOUND IMAGING TRANSDUCERS
356663	September 28, 2016	PCT - PCT/CN2016/100528	SYSTEM AND METHOD FOR PARALLELIZATION OF CPU AND GPU PROCESSING FOR ULTRASOUND IMAGING DEVICES
356712	February 13, 2017	PCT - PCT/CN2017/073353	CONTACTLESS CIRCUITRY FOR CORDED SURGICAL DEVICES
C00015511	March 13, 2017	PCT - PCT/CN2017/076392	Inflow and Outflow control of a closed cooling system
C00015294	March 13, 2017	PCT - PCT/CN2017/076386	ELECTROSURGICAL INSTRUMENT WITH TRIGGER DRIVEN CUTTING FUNCTION
C00013294	February 10, 2017	PCT - PCT/CN2017/073208	SYSTEMS, METHODS, AND COMPUTER READABLE MEDIA FOR PROCESSING AND COMPOUNDING ULTRASOUND IMAGES IN THE PRESENCE OF MOTION

PATENT REEL: 049699 FRAME: 0066

Docket Number	Filing Date	Application No.	Title
C00016552	August 31, 2017	PCT - PCT/CN2017/099878	SYSTEMS AND METHODS FOR SENSING TEMPERATURE AT DIFFERENT LOCATIONS ON A MICROWAVE ANTENNA USING MULTIPLE FIBER SENSORS
C00015178	August 8, 2017	PCT - PCT/CN2017/096337	ELECTROSURGICAL APPARATUS WITH SAFETY INSULATION FEATURES
C00015291	August 7, 2017	PCT - PCT/CN2017/096188	VESSEL SEALING AND DISSECTION WITH CONTROLLED GAP
C00015711	August 22, 2017	PCT - PCT/CN2017/098435	ENERGY-BASED SURGICAL INSTRUMENTS AND SYSTEMS CONFIGURED TO MINIMIZE THERMAL SPREAD

PATENT REEL: 049699 FRAME: 0067

**RECORDED: 07/09/2019**