# 506581270 03/29/2021

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
MEDTRONIC INTERNATIONAL IP GMBH	01/15/2019

## **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:	17215844

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	H-EM-00079US02CON
NAME OF SUBMITTER:	THOMAS E. KEELY
SIGNATURE:	/Thomas E. Keely/
DATE SIGNED:	03/29/2021

### **Total Attachments: 5**

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PATENT REEL: 055756 FRAME: 0593

506581270

## DEED OF ASSIGNMENT

#### THIS DEED OF ASSIGNMENT IS EXECUTED BY

Medtronic International IP GmbH

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 September 20, 2017, 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.

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Authorized signatory/of Assignor
Signature
Name: Hakan Olsson
Place, Date: Nachausen am Rheinfall, 15 January 2019
Witness of Assignor:
Signature // Cecler
Name: NUCLEA GEDEN
Place, Date Nechausen am Kheinfull, 15 January 2019
Assignee hereby acknowledges and agrees to such assignment and transfer  Authorized signatory of Arsignee  Signature
Variables
Place, Date: North Howen, Connecticut, USA February 11, 2019
Witness of Assignee: Signature: Webleca andrew
Name: Rebecca Ardrews
Place, Date: North Haven, Connecticut, USA, February 1/2019

# SCHEDULE A

Attorney docket number	Title	Application #	<u>Application</u> Date
14444444444444444444444444444444444444	ENDOSCOPIC SURGICAL CLIP		•••••
	APPLIER AND CLIP APPLYING		
356852.WOU1	SYSTEMS	PCT/CN2016/094599	08/11/2016
	REMOVABLE DRIVE ASSEMBLY		
	AND ENDOSCOPIC REPOSABLE		
	SURGICAL CLIP APPLIER		
	INCLUDING A REMOVABLE		
356449.WOU1	DRIVE ASSEMBLY	PCT/CN2017/077833	03/23/2017
	ADJUSTABLE ROTATION		
	ASSEMBLY FOR SURGICAL	and the second second	
C00014582.WOU1	INSTRUMENTS	PCT/CN2017/087521	06/08/2017
	SURGICAL STAPLING DEVICE		
000044004344044	WITH VARIABLE HEIGHT		non from the second
C00014891.WOU1	STAPLE PUSHERS	PCT/CN2017/076153	03/09/2017
500045700 14014	ENDOSCOPES AND METHODS	nor/evana (020446	nn (n it lainam
C00015782.WOU1	OF USE	PCT/CN2017/078143	03/24/2017
	END EFFECTOR ASSEMBLY FOR		
C00015402.WOU2	A CIRCULAR STAPLER APPARATUS	DOTICNIAGATIOTOLIE	02/00/2017
C00013402.VVO02	SURGICAL STAPLING DEVICE	PCT/CN2017/076115	03/09/2017
	WITH AUDIBLE INDICATOR		
C00015039.WOU1	MECHANISM	PCT/CN2017/076161	03/09/2017
C00013033.WOOT	ANVIL PLATE FOR A SURGICAL	1 CI/CNZOI//O/OIOI	03/03/2017
C00015190.WOU1	STAPLING INSTRUMENT	PCT/CN2017/077107	03/17/2017
C00013130.WOO1	CIRCULAR STAPLING DEVICE	PC1/CNZO1/JO1/10/	03/1//2017
C00015037.WOU1	WITH ALIGNMENT SPLINES	PCT/CN2017/077862	03/23/2017
C00013037.W001	METHOD AND DEVICE FOR	101/01/201//07/802	03/23/2017
C00015038.WOU1	LOADING A STAPLE GUIDE	PCT/CN2017/076163	03/09/2017
C00013030.WOO1	ENDOSCOPES AND METHODS	7 CI/CNZOI//O/OIGS	03/03/2017
C00015728.WOU1	OF TREATMENT	PCT/CN2017/078142	03/24/2017
C00013728.WO01	ENDOSCOPIC SURGICAL CLIP	FC1/CNZ017/070142	05/24/2017
	APPLIER AND CLIP APPLYING		
356851.WOU1	SYSTEMS	PCT/CN2016/096666	08/25/2016
050003,770003	METHOD OF	1 01/ 01/2010/050000	00/23/2010
	MANUFACTURING AN ANVIL		
356654WO01	ASSEMBLY	PCT/CN2016/082458	05/18/2016
C00014334.WOU1	ENDOSCOPIC REUSABLE	PCT/CN2017/077303	
w with the second second	SURGICAL DEVICE		03/20/2017
	ENDOSCOPES AND METHODS		
C00015782.WOU1	OF USE	PCT/CN2017/078143	03/24/2017
	ENDOSCOPES AND METHODS	·	
C00015728.WOU1	OF TREATMENT	PCT/CN2017/078142	03/24/2017
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SURGICAL STAPLING   INSTRUMENT		CIRCULAR STAPLING DEVICE		
CO0015513.WOU1   INSTRUMENT   PCT/CN2018/077890   O3/02/2018	C00015403.WOU1	WITH POSITION RIBS	PCT/CN2017/100233	09/01/2017
SHEATH ASSEMBLY FOR RIGID   C00018276.WOU1   ENDOSCOPE   PCT/CN2018/076912   02/15/2018   C00013446.WOU1   SURGICAL CLIP APPLIER WITH USER FEEDBACK FEATURE   PCT/CN2017/072960   02/6/2017   LIGATION CLIP WITH   RETENTION FEATURES   PCT/CN2018/078294   03/07/2018   CIRCULAR STAPLER WITH   TISSUE GAP INDICATOR   ASSEMBLY   PCT/CN2015/092271   10/20/2015   AUTOMATIC ABLATION   ANTENNA SEGMENTATION   ANTENNA SEGMENTATION   C000014553.WOU1   FROM CT IMAGE   PCT/CN2017/114461   12/04/2017   OPEN VESSEL SEALER WITH   MECHANICAL CUTTER   29/481392   02/05/2014   OPEN VESSEL SEALER WITH   H-EM-00078US   MECHANICAL CUTTER   29/533310   07/16/2015   OPEN VESSEL SEALER WITH   H-EM-00078USCON   MECHANICAL CUTTER   29/481395   02/05/2014   OPEN VESSEL SEALER WITH   H-EM-00080US   MECHANICAL CUTTER   29/481395   02/05/2014   OPEN VESSEL SEALER WITH   H-EM-00080US   MECHANICAL CUTTER   29/481395   02/05/2014   OPEN VESSEL SEALER WITH   OPEN VESSEL SEALER WITH   H-EM-00080US   MECHANICAL CUTTER   29/481395   02/05/2014   OPEN VESSEL SEALER WITH   OPEN VESSE		SURGICAL STAPLING		
CO0018276.WOU1         ENDOSCOPE         PCT/CN2018/076912         02/15/2018           C00013446.WOU1         SURGICAL CLIP APPLIER WITH USER FEEDBACK FEATURE         PCT/CN2017/072960         02/6/2017           LIGATION CLIP WITH         LIGATION CLIP WITH         CRC014R STAPLER WITH TISSUE GAP INDICATOR         PCT/CN2018/078294         03/07/2018           356378WO01         ASSEMBLY ASSEMBLY ASSEMBLY ASSEMBLY ANTENNA SEGMENTATION OPEN VESSEL SEALER WITH OPEN VESSEL SEALER WITH ANTENNA SEGMENTATION OPEN VESSEL SEALER WITH MECHANICAL CUTTER 29/481392         02/05/2014           H-EM-00078US         DISPOSABLE HOUSING FOR OPEN VESSEL SEALER WITH MECHANICAL CUTTER 29/533310         07/16/2015           H-EM-00080US         MECHANICAL CUTTER 29/481395         02/05/2014           H-EM-00080US         MECHANICAL CUTTER 29/481395         02/05/2014           H-EM-00080US MECHANICAL CUTTER 29/546943         11/30/2015           H-EM-00079WO         MECHANICAL CUTTER 29/546943         11/30/2015           H-EM-00079WO         BIPOLAR FORCEPS 201410385523.2         08/07/2013           H-EM-00079CN BIPOLAR FORCEPS 201410385523.2         08/07/2014           H-EM-00079CNDIV BIPOLAR FORCEPS 201610177959.1         03/25/2016           BIPOLAR SURGICAL INSTRUMENT 2016-233881         12/01/2016<	C00015513.WOU1	INSTRUMENT	PCT/CN2018/077890	03/02/2018
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C00017167.WOU1 RETENTION FEATURES PCT/CN2018/078294 03/07/2018  CIRCULAR STAPLER WITH TISSUE GAP INDICATOR  ASSEMBLY PCT/CN2015/092271 10/20/2015  AUTOMATIC ABLATION ANTENNA SEGMENTATION C000014553.WOU1 FROM CT IMAGE PCT/CN2017/114461 12/04/2017  OPEN VESSEL SEALER WITH MECHANICAL CUTTER 29/481392 02/05/2014  OPEN VESSEL SEALER WITH H-EM-00078USCON MECHANICAL CUTTER 29/533310 07/16/2015 DISPOSABLE HOUSING FOR OPEN VESSEL SEALER WITH H-EM-00080US MECHANICAL CUTTER 29/481395 02/05/2014 DISPOSABLE HOUSING FOR OPEN VESSEL SEALER WITH H-EM-00080US MECHANICAL CUTTER 29/546943 11/30/2015 BIPOLAR SURGICAL H-EM-00079WO INSTRUMENT PCT/CN2013/080947 08/07/2013  H-EM-00079CN-U BIPOLAR FORCEPS 201410385523.2 08/07/2014 H-EM-00079CN-U BIPOLAR FORCEPS 201610177959.1 03/25/2016 BIPOLAR SURGICAL H-EM-00079JPV2 INSTRUMENT 2016-233881 12/01/2016 BIPOLAR SURGICAL H-EM-00079JPV2 INSTRUMENT 2016-233881 12/01/2016 BIPOLAR SURGICAL H-EM-00079JPV3 INSTRUMENT 2016-233882 12/01/2016 BIPOLAR SURGICAL H-EM-00079JPV3 INSTRUMENT 2016-233882 12/01/2016 BIPOLAR SURGICAL H-EM-00079JPV3 INSTRUMENT 2016-233882 12/01/2016	C00013446.WOU1		PCT/CN2017/072960	02/6/2017
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H-EM-00078USCON   MECHANICAL CUTTER   29/533310   07/16/2015     DISPOSABLE HOUSING FOR OPEN VESSEL SEALER WITH     H-EM-00080US   MECHANICAL CUTTER   29/481395   02/05/2014     DISPOSABLE HOUSING FOR     H-EM- OPEN VESSEL SEALER WITH     00080USDESCON   MECHANICAL CUTTER   29/546943   11/30/2015     BIPOLAR SURGICAL   PCT/CN2013/080947   08/07/2013     H-EM-00079WO   INSTRUMENT   PCT/CN2013/080947   08/07/2013     H-EM-00079CN   BIPOLAR FORCEPS   201410385523.2   08/07/2014     H-EM-00079CN-U   BIPOLAR FORCEPS   201420442249.3   08/07/2014     H-EM-00079CNDIV   BIPOLAR FORCEPS   201610177959.1   03/25/2016     BIPOLAR SURGICAL   10/15/2016     BIPOLAR SURGICAL   10/15/2016     H-EM-00079JPV2   INSTRUMENT   2016-233881   12/01/2016     BIPOLAR SURGICAL   10/16/2016     BIPOLA	H-EM-00078US		29/481392	02/05/2014
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H-EM-00079AUDIV INSTRUMENT 2015243043 10/15/2015	H-EM-00079AUDIV	INSTRUMENT	2015243043	10/15/2015

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	BIPOLAR SURGICAL		
H-EM-00079.AUV4	INSTRUMENT	2017201241	02/23/2017
	BIPOLAR SURGICAL		
H-EM-00079KR	INSTRUMENT	10-2016-7004068	02/17/2016
	BIPOLAR SURGICAL		
H-EM-00079BR	INSTRUMENT	BR1120160015207	01/22/2016
-	BIPOLAR SURGICAL		
H-EM-00079EP	INSTRUMENT	13891096.3	01/19/2016
	BIPOLAR SURGICAL		
H-EM-00079IN	INSTRUMENT	201617001608	01/15/2016
	BIPOLAR SURGICAL		
H-EM-00079US01	INSTRUMENT	14/906072	01/19/2016
	BIPOLAR SURGICAL		
H-EM-00079.USC5	INSTRUMENT	15/961,461	04/24/2018

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