502788142 04/29/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2834737

SUBMISSION TYPE:			NEW ASSIGNMENT				
NATURE OF CONVEYANCE:			ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ						
		1	Name			Execution	Date
BARRX MEDICAL LLC						04/10/2012	
RECEIVING PARTY DA	TA						
Name:	TYCO	HEALT	THCARE GROUP LP				
Street Address:	15 HAI	MPSHI	RE STREET				
City:	MANS	FIELD					
State/Country:		ACHUS	SETTS				
Postal Code:	02048		_ · · _				
PROPERTY NUMBERS	Total: 1	1					
Property Type			Number				
Application Number:		14189	225				
CORRESPONDENCE D	ΑΤΑ						
Fax Number: <i>Correspondence will be US Mail.</i> Phone:		(303)4 <i>o the e</i> 303.47	173-2720 <i>mail address first; if th</i> 73.2700	at is uns	uccessf	ul, it will be se	ent via
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Fax Number: <i>Correspondence will be US Mail.</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent to	(303)4 o the e 303.47 Ismellt NATH 1800 E HOLL BOUL	473-2720 <i>mail address first; if th</i> 73.2700 blom@hollandhart.com IAN J. MUTTER BROADWAY, SUITE 300 AND & HART LLP		uccessf	ıl, it will be se	ent via
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Fax Number: <i>Correspondence will be</i> <i>US Mail.</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NUME ADDE SUBMITTER: DATE SIGNED: Total Attachments: 14 ource=Assignment - BAF ource=Assignment - BAF	e sent to JMBER: RX LLC RX LLC RX LLC RX LLC RX LLC	(303)4 <i>o the e</i> 303.47 Ismella NATH 1800 E HOLLA BOUL C to Tyc C to Tyc	473-2720 mail address first; if th 73.2700 blom@hollandhart.com AN J. MUTTER BROADWAY, SUITE 300 AND & HART LLP DER, COLORADO 80302 P018.WO.US.04.01 NATHAN J. MUTTER /Nathan J. Mutter/ 04/29/2014 co#page1.tif co#page2.tif co#page3.tif co#page4.tif co#page5.tif		uccessf	ul, it will be se	ent via

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ASSIGNMENT

Dated as of March 30, 2012

WHEREAS, BÂRRX Medical LLC, located at 15 Hampshire St., Mansfield, MA, 02038, a limited liability company organized under the laws of the State of Delaware and owner of the patent applications and patents listed on the attached *Schedule A* (hereinafter referred to as "Assignor"); and

WHEREAS, Tyco Healthcare Group LP, 15 Hampshire St., Mansfield, MA, 02038, a limited partnership organized under the laws of the State of Delaware (hereinafter referred to as "Assignee"), is desirous of acquiring an interest in the inventions and applications as listed on the attached *Schedule A*, and in any U.S. Letters Patent and Registrations which may be granted on any patent application claiming priority from the same.

For good and valuable consideration, receipt of which is hereby acknowledged by Assignor, Assignor has assigned, and by these presents does assign to Assignee all right, title and interest in and to the inventions and applications (including any continuations, continuations-in-part, divisionals, RCE's or other parent or child applications or inventions) and to all foreign counterparts thereof (including patent, utility model and industrial designs), as listed on the attached *Schedule A*, and in and to any Letters Patent and Registrations which may hereafter be granted on any patent applications claiming priority from the same in the United States and all countries throughout the world, and to claim the priority from the applications as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignor had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignor covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

Assignor further agrees that Assignor will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the inventions listed on *Schedule A* and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

[[CONTINUED ON NEXT PAGE]

PATENT REEL: 032782 FRAME: 0579 IN TESTIMONY WHEREOF, Assignor has signed his name on the date indicated.

BÂRRX Medical LLC

Printed Name: <u>Matthew J. Nicolella</u> Title: <u>Vice President and Assistant Secretary</u> Dated: April 10, 2012

WITNESS Printed Name: Michelle Enos

Dated: _____ April 10, 2012

TYCO Healthcare Group LP

Printed Name: <u>Matthew J. Nicolella</u> Title: <u>Vice President and Assistant Secretary</u> Dated: <u>April 10, 2012</u>

WITNESS

white bek.

Printed Name: <u>Dawn Pawlitschek</u> Dated: <u>April 10,2012</u>

COMMONWEALTH OF MASSACHUSETTS

Bristol, ss

On this <u>10th</u> day of <u>April</u>, 2012 before me, the undersigned notary public, personally appeared <u>Matthew J. Nicolella</u>, proved to me through satisfactory evidence of identification, which were <u>driver's license</u>, to be the person whose name is signed on the preceding or attached document, and acknowledged to me that he/she signed it voluntarily for its stated purpose.

Notary Public: Cheryl L. Copeland

Notary Public: Cheryl L. Copeland Commission expires: November 8, 2013



SCHEDULE A

BÂRRX, LLC - Patents and Patent Applications

2-Letter Country Code	Application No. Filing Date	Publication No. Publication Date	Patent No. Issue Date	Title
AT	01937402.4 05-16-2001	1335677 08-20-2003	378014 11-14-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus
AT	05077167.4 05-02-2000	1634542 03-15-2009	391462 04-09-2008	Integrated Tissue Heating and Cooling Apparatus
AU	16174/01 11-16-2000		780278 06-23-2005	System and Method of Treating Abnormal Tissue in the Human Esophagus
AU	2001263143 05-16-2001	2001263143 12-07-2006	2001263143 03-22-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus
AU	2005206098 01-07-2005		2005206098 10-13-2011	System and Method for Treating Abnormal Epithelium in an Esophagus
AU	2006302688 09-29-2006			Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
AU	2006318617 11-20-2006			Precision Ablating Device
AU	2006338555 12-20-2006			Auto-Aligning Ablating Device and Method of Use
AU	2008275316 07-03-2008	2008275316 01-15-2009		Ablation in the Gastrointestinal Tract to Achieve Hemostasis and Eradicate Lesions With a Propensity for Bleeding
AU	2008358029 12-23-2008			System and Method for Ablational Treatment of Uterine Cervical Neoplasi
AU	2011221375 01-07-2005			System and Method for Treating Abnormal Epithelium in an Esophagus
BE	01937402.4 05-16-2001	1335677 08-20-2003	1335677 11-14-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus
BE	05077167.4 05-02-2000	1634542 03-15-2009	1634542 04-09-2008	Integrated Tissue Heating and Cooling Apparatus
BR	PI 0616840-0 09-29-2006	PI 0616840-0 07-05-2011		Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
BR	PI 0618981-4 11-20-2006			Precision Ablating Device

2-Letter Country Code	Application No. Filing Date	Publication No. Publication Date	Patent No. Issue Date	Title
BR	PI 0620168-7 12-20-2006	PI 0620168-7 A2 11-01-2011		Auto-Aligning Ablating Device and Method of Use
BR	PI 0813579-7 07-03-2008			Ablation in the Gastrointestinal Tract to Achieve Hemostasis and Eradicate Lesions With a Propensity for Bleeding
BR	PI 0822808-6 12-23-2008			System and Method for Ablational Treatment of Uterine Cervical Neoplasi
CA	2,388,861 11-16-2000	2,388,861 05-25-2001		System and Method of Treating Abnormal Tissue in the Human Esophagus
СА	2,427,978 05-16-2001	2,427,978 05-23-2003		System and Method of Treating Abnormal Tissue in the Human Esophagus
CA	2,552,787 01-07-2005			System and Method for Treating Abnormal Epithelium in an Esophagus
CA	2,624,792 09-29-2006	2,627,792 04-19-2007		Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
СА	2,630,565 11-20-2006	·		Precision Ablating Device
CA	2,633,687 12-20-2006			Auto-Aligning Ablating Device and Method of Use
СА	2,692,669 07-03-2008	2,692,669 01-15-2009		Ablation in the Gastrointestinal Tract to Achieve Hemostasis and Eradicate Lesions With a Propensity for Bleeding
СА	2,727,945 12-23-2008			System and Method for Ablational Treatment of Uterine Cervical Neoplasi
СН	01937402.4 05-16-2001	1335677 08-20-2003	1335677 11-14-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus
СН	05077167.4 05-02-2000	1634542 03-15-2009	1634542 04-09-2008	Integrated Tissue Heating and Cooling Apparatus
CN	200680050621.4 11-20-2006	101355913 A 01-28-2009	101355913 06-08-2011	Precision Ablating Device
CN	200680052200.5 12-20-2006	101563042 10-21-2009	101536042 07-13-2011	Auto-Aligning Ablating Device and Method of Use
CN	200880102747.0 07-03-2008	101778605 07-14-2010		Ablation in the Gastrointestinal Tract to Achieve Hemostasis and Eradicate Lesions With a Propensity for Bleeding

2-Letter Country Code	Application No. Filing Date	Publication No. Publication Date	Patent No. Issue Date	Title
CN	200880130549.5 12-23-2008	102105115 06-22-2011		System and Method for Ablational Treatment of Uterine Cervical Neoplasia
DE	01937402.4 05-16-2001	1335677 08-20-2003	60131443 11-14-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus
DE	05077167.4 05-02-2000	1634542 03-15-2009	60038581 04-09-2008	Integrated Tissue Heating and Cooling Apparatus
EP	00978746.6 11-16-2000	1229849 08-14-2002		System and Method of Treating Abnormal Tissue in the Human Esophagus
EP	01937402.4 05-16-2001	1335677 08-20-2003	1335677 11-14-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus
EP	05077167.4 05-02-2000	1634542 03-15-2009		Integrated Tissue Heating and Cooling Apparatus
EP	05705201.1 01-07-2005	1708636 10-11-2006		System and Method for Treating Abnormal Epithelium in an Esophagus
EP	06815716.3 09-29-2006	1931272 06-18-2008		Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
EP	06838115.1 11-20-2006	1956993 08-20-2008		Precision Ablating Device
EP	06849992.0 12-20-2006	1968471 09-17-2008		Auto-Aligning Ablating Device and Method of Use
EP	08781394.5 07-03-2008	2170202 04-07-2010		Ablation in the Gastrointestinal Tract to Achieve Hemostasis and Eradicate Lesions With a Propensity for Bleeding
EP	08874750.6 12-23-2008	2299923 03-30-2011		System and Method for Ablational Treatment of Uterine Cervical Neoplasia
ES	01937402.4 05-16-2001	1335677 08-20-2003	2296754 05-01-2008	System and Method of Treating Abnormal Tissue in the Human Esophagus
ES	05077167.4 05-02-2000	1634542 03-15-2009	1634542 04-09-2008	Integrated Tissue Heating and Cooling Apparatus
FR	01937402.4 05-16-2001	1335677 08-20-2003	1335677 11-14-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus
FR	05077167.4 05-02-2000	1634542 03-15-2009	1634542 04-09-2008	Integrated Tissue Heating and Cooling Apparatus

2-Letter Country Code	Application No. Filing Date	Publication No. Publication Date	Patent No. Issue Date	Title
GB	01937402.4 05-16-2001	1335677 08-20-2003	1335677 11-14-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus
GB	05077167.4 05-02-2000	1634542 03-15-2009	1634542 04-09-2008	Integrated Tissue Heating and Cooling Apparatus
НК	03100878.4 11-16-2000	1050126 06-30-2011		System and Method of Treating Abnormal Tissue in the Human Esophagus
НК	05077167.4 05-02-2000			Integrated Tissue Heating and Cooling Apparatus
НК	08109584.5 09-29-2006	1113996 10-24-2008		Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
НК	09101140.8 11-20-2006	1121019 04-17-2009		Precision Ablating Device
НК	09102553.6 03-17-2009	1122203 05-15-2009	??	Auto-Aligning Ablating Device and Method of Use
IE	05077167.4 05-02-2000	1634542 03-15-2009	1634542 04-09-2008	Integrated Tissue Heating and Cooling Apparatus
IT	01937402.4 05-16-2001	1335677 08-20-2003	1335677 11-14-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus
IT	05077167.4 05-02-2000	1634542 03-15-2009	1634542 04-09-2008	Integrated Tissue Heating and Cooling Apparatus
JP	2002-542292 05-16-2001	2005-503181 02-03-2005		System and Method of Treating Abnormal Tissue in the Human Esophagus
JP	2008-534571 09-29-2006	2009-509713 03-12-2009		Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
JP	2008-542398 11-20-2006	2009-517130 04-30-2009		Precision Ablating Device
JP	2008-547527 12-20-2006	2009-520572 05-28-2009		Auto-Aligning Ablating Device and Method of Use
JP	2010-516162 07-03-2008	2010-532702 10-14-2010		Ablation in the Gastrointestinal Tract to Achieve Hemostasis and Eradicate Lesions With a Propensity for Bleeding
JP	2011-138107 05-16-2001	2011-218189 11-04-2011		System and Method of Treating Abnormal Tissue in the Human Esophagus

2-Letter Country Code	Application No. Filing Date	Publication No. Publication Date	Patent No. Issue Date	Title
JP	2011-514570 12-23-2008	2011-524785 09-08-2011		System and Method for Ablational Treatment of Uterine Cervical Neoplasia
KR	10-2008-7015257 11-20-2006	2008-0084981 09-22-2008		Precision Ablating Device
KR	10-2008-7017794 12-20-2006	2008-0091149 10-09-2008		Auto-Aligning Ablating Device and Method of Use
KR	10-2010-7002842 07-03-2008	2010-0058465 06-03-2010		Ablation in the Gastrointestinal Tract to Achieve Hemostasis and Eradicate Lesions With a Propensity for Bleeding
KR	10-2011-7001323 12-23-2008	2011-0041478 04-21-2011		System and Method for Ablational Treatment of Uterine Cervical Neoplasia
LU	05077167.4 05-02-2000	1634542 03-15-2009	1634542 04-09-2008	Integrated Tissue Heating and Cooling Apparatus
MX	MX/a/2008/004552 09-29-2006			Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
MX	MX/a/2008/006651 11-20-2006		293078 12-05-2011	Precision Ablating Device
MX	MX/a/2008/008123 12-20-2006	2008008123 09-08-2008		Auto-Aligning Ablating Device and Method of Use
MX	MX/a/2010/000168 07-03-2008	2010000168 07-02-2010		Ablation in the Gastrointestinal Tract to Achieve Hemostasis and Eradicate Lesions With a Propensity for Bleeding
MX	MX/a/2010/014199 12-23-2008			System and Method for Ablational Treatment of Uterine Cervical Neoplasia
МХ	MX/a/2011/010686 10-10-2011			Precision Ablating Device
NL	01937402.4 05-16-2001	1335677 08-20-2003	1335677 11-14-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus
NL	05077167.4 05-02-2000	1634542 03-15-2009	1634542 04-09-2008	Integrated Tissue Heating and Cooling Apparatus
РСТ	PCT/US006/044964 11-20-2006	2007/061984 05-31-2007		Precision Ablating Device
PT	01937402.4 05-16-2001	1335677 08-20-2003	1335677 11-14-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus

2-Letter Country Code	Application No. Filing Date	Publication No. Publication Date	Patent No. Issue Date	Title
SE	01937402.4 05-16-2001	1335677 08-20-2003	1335677 11-14-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus
SE	05077167.4 05-02-2000	1634542 03-15-2009	1634542 04-09-2008	Integrated Tissue Heating and Cooling Apparatus
TR	01937402.4 05-16-2001	1335677 08-20-2003	2008 00869 11-14-2007	System and Method of Treating Abnormal Tissue in the Human Esophagus
TW	97125610 07-07-2008	200911316 03-16-2009		Method and Apparatus for Gasrointestinal Tract Ablation to Lose Body Weight Gained After a Weight- Loss Operation
TW	97125611 07-07-2008	200916048 04-16-2009		Ablation in the Gastrointestinal Tract to Achieve Hemostasis and Eradicate Lesions With a Propensity for Bleeding
TW	97128905 07-30-2008	200914072 04-01-2009		Cleaning Device and Methods
US	09/714,344 11-16-2000		6,551,310 04-22-2003	System and Method of Treating Abnormal Tissue in the Human Esophagus
US	10/247,153 09-19-2002	2003-0023287 01-30-2003	6,872,206 03-29-2005	Methods for Treating the Cardia of the Stomach
US	10/370,645 02-19-2003	2003-0158550 08-21-2003	7,530,979 05-12-2009	Method Of Treating Abnormal Tissue Ir The Human Esophagus
US	10/426,923 04-29-2003	2004-0087936 05-06-2004		System and Method for Treating Abnormal Tissue in an Organ Having a Layered Tissue Structure
US	10/754,444 01-09-2004	2005-0171524 08-04-2005	7,150,745 12-19-2006	Devices and Methods for Treatment of Luminal Tissue
US	10/754,445 01-09-2004	2004-0215296 10-28-2004		System and Method for Treating Abnormal Epithelium in an Esophagus
US	10/754,452 01-09-2004	2004-0215235 10-28-2004		Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
US	11/244,385 10-04-2005	2006-0095032 05-04-2006		Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
US	11/275,244 12-20-2005	2007-0118104 05-24-2007		Auto-Aligning Ablating Device and Method of Use
US	11/286,257 11-23-2005	2007-0135809 06-14-2007	7,959,627 06-14-2011	Precision Ablating Device

2-Letter Country Code	Application No. Filing Date	Publication No. Publication Date	Patent No. Issue Date	Title
US	11/286,444 11-23-2005	2007-0118106 05-24-2007	7,997,278 08-16-2011	Precision Ablating Device
US	11/420,712 05-26-2006	2006-0259028 11-16-2006	7,632,268 12-15-2009	System for Tissue Ablation
US	11/420,714 05-26-2006	2006-0259029 11-16-2006	7,507,234 03-24-2009	Method for Cryogenic Tissue Ablation
US	11/420,719 05-26-2006	2006-0259030 11-16-2006	7,507,238 03-24-2009	Method for Vacuum-Assisted Tissue Ablation
US	11/420,722 05-26-2006	2006-0282071 12-14-2006	7,556,628 07-07-2009	Method for Tissue Ablation
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US	11/633,938 12-04-2006	2007-0100333 05-03-2007	7,993,336 08-09-2011	Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
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US	11/959,310 12-18-2007	2008-0097427 04-24-2008		Devices and Methods for Treatment of Luminal Tissue
US	12/114,628 05-02-2008	2008-0275445 11-06-2008		Method and Apparatus for Gastrointestinal Tract Ablation for Treatment Of Obesity
US	12/143,404 06-20-2008	2008-0319350 12-25-2008		Electrical Means to Normalize Ablational Energy Transmission to a Luminal Tissue Surface of Varying Size
US	12/167,902 07-03-2008	2009-0012512 01-08-2009		Method and Apparatus for Gastrointestinal Tract Ablation to Achieve Loss of Persistent and/or Recurrent Excess Body Weight Following a Weight-Loss Operation
US	12/167,931 07-03-2008	2009-0012513 01-08-2009		Ablation in the Gastrointestinal Tract to Achieve Hemostasis and Eradicate Lesions With a Propensity for Bleeding
US	12/168,042 07-03-2008	2009-0012518 01-08-2009		Method and Apparatus for Ablation of Benign, Pre-Cancerous and Early Cancerous Lesions That Originate Within the Epithelium and are Limited to the Mucosal Layer of the Gastrointestinal Tract

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2-Letter Country Code	Application No. Filing Date	Publication No. Publication Date	Patent No. Issue Date	Title
US	12/259,136 10-27-2008	2009-0048593 02-19-2009		System and Method of Treating Abnormal Tissue in the Human Esophagus
US	12/270,373 11-13-2008	2009-0318914 12-24-2009		System and Method for Ablational Treatment of Uterine Cervical Neoplasia
US	12/404,159 03-13-2009	2009-0177194 07-09-2009		Auto-Aligning Ablating Device and Method of Use
US	12/620,924 11-18-2009	2010-0063495 03-11-2010		System for Tissue Ablation
US	12/787,324 05-25-2010	2010-0234840 09-16-2010	8,012,149 09-06-2011	Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
US	13/051,738 03-18-2011			Selectively Expandable Operative Element Support Structure and Methods of Use
US	13/181,484 07-12-2011	2012-0004656 01-05-2012		Methods and Systems for Treatment of Tissue in a Body Lumen
US	13/181,490 07-12-2011	2011-0270249 11-03-2011		Precision Ablating Device
US	13/189,793 07-25-2011	2012-0004654 01-05-2012		Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
US	60/162,316 10-28-1999			System and Method of Treating Barrett's Epithelium
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US	60/377,336 04-30-2002			System and Method of Treating Abnormal Tissue in an Organ Having a Layered Tissue Structure
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US	60/936,865 06-22-2007			Electrical Means to Estimate Diameter Measurements and an Unfurling Electrode Concept to Adapt to Any Body Orifice
US	60/958,543 07-06-2007			Non-Barrett's Mucosal Ablation and Tissue Tightening Indications Related to Obesity
US	60/958,562 07-06-2007			Non-Barrett's Mucosal Ablation Disease Targets

2-Letter Country Code	Application No. Filing Date	Publication No. Publication Date	Patent No. Issue Date	Title
US	60/958,566 07-06-2007			Non-Barrett's Mucosal Ablation Disease Targets
US	61/045,173 04-15-2008	· 		Methods and Apparatus for Treating Tissue in the Esophagus
US	61/073,722 06-18-2008			System and Method for Ablational Treatment of Cervical Dysplasia
US	61/167,041 04-06-2009			Ablational Device with Ability to Rotate Around the Longitudinal Axis of an Endoscope
US	61/527,554 08-25-2011			Devices and Methods for Treatment of Luminal Tissue
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wo	PCT/US006/048719 12-20-2006	2007/097805 08-30-2007		Auto-Aligning Ablating Device and Method of Use
wo	PCT/US008/069243 07-03-2008	2009/009443 01-15-2009		Method and Apparatus for Gasrointestinal Tract Ablation to Lose Body Weight Gained After a Weight- Loss Operation
wo	PCT/US03/13647 04-30-2003	2003/092609 11-13-2003		System and Method of Treating Abnormal Tissue in an Organ Having a Layered Tissue Structure
wo	PCT/US2000/029890 10-27-2000			System and Method of Treating Abnormal Tissue in the Human Esophagus
wo	PCT/US2000/031561 11-16-2000	2001/035846 05-25-2001		System and Method of Treating Abnormal Tissue in the Human Esophagus
WO	PCT/US2001/015680 05-16-2001	2002/039915 05-23-2002		System and Method of Treating Abnormal Tissue in the Human Esophagus
wo	PCT/US2003/013647 04-30-2003	2003/092609 11-13-2003		System and Method of Treating Abnormal Tissue in an Organ Having a Layered Tissue Structure
wo	PCT/US2005/000432 01-07-2005	2005/070316 08-04-2005		System and Method for Treating Abnormal Epithelium in an Esophagus
wo	PCT/US2005/000646 01-06-2005	2005/067668 07-28-2005		Devices and Methods for Treatment of Luminal Tissue
wo	PCT/US2005/00397 01-06-2005	2005/070061 08-04-2005		Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus

2-Letter Country Code	Application No. Filing Date	Publication No. Publication Date	Patent No. Issue Date	Title
wo	PCT/US2006/037930 09-29-2006	2007/044244 04-19-2007		Methods and Systems for Determining Physiologic Characteristics for Treatment of the Esophagus
wo	PCT/US2008/062525 05-02-2008	2008/137757 11-13-2008		Method and Apparatus for Gastrointestinal Tract Ablation for Treatment of Obesity
wo	PCT/US2008/069245 07-03-2008	2009/009444 01-15-20009		Ablation in the Gastrointestinal Tract to Achieve Hemostasis and Eradicate Lesions With a Propensity for Bleeding
wo	PCT/US2008/071504 07-29-2008	2009/018288 02-05-2009		Cleaning Device and Methods
wo	PCT/US2008/088209 12-23-2008	2009/154654 12-23-2009	n/a	System and Method for Ablational Treatment of Uterine Cervical Neoplasia
wo	PCT/US2010/030129 04-06-2010	2010/118054 10-14-2010		Rotating Therapy Device
wo	PCT/US2012/029253 03-16-2012			Selectively Expandable Operative Element Support Structure and Methods of Use

AMENDMENT TO THE ASSIGNMENT

Dated as of March 30, 2012

WHEREAS, BÂRRX Medical LLC, located at 15 Hampshire St., Mansfield, MA, 02048, was a limited liability company organized under the laws of the State of Delaware and owner of the patent applications and patents in the Assignment dated March 30, 2012 (hereinafter referred to as "Assignor"); and

WHEREAS, Covidien LP, formerly known as Tyco Healthcare Group LP, 15 Hampshire St., Mansfield, MA, 02048, a limited partnership organized under the laws of the State of Delaware (hereinafter referred to as "Assignee").

Corrections to paragraphs 1 and 2 of the original assignment should read as follows:

Currently reads: "02038"

Should read: "02048".

[CONTINUED ON NEXT PAGE]

IN TESTIMONY WHEREOF, Assignor has signed his name on the date indicated.

Covidien LP, formerly known

TYCO Healthcare Group LP

YYLau

Dated:

WITNESS-

Printed Name:

Dated: Mar

Printed Name: <u>Matthew J. Nicolella</u>

Micho

Title: Vice President and Assistant Secretary

2013

2013

Covidien LP, formerly known as Tyco Healthcare Group LP as successor to BÂRRX Medical LLC

Printed Name: <u>Matthew J. Nicolella</u> Title: <u>Vice President and Assistant Secretary</u> Dated: <u>May 31,2013</u>

WITNESS Printed Name: Micho Dated: May 31, 2013

State of Massachusetts)) County of Bristol)

On this $\frac{315^{r}}{M}$ day of $\frac{MAY}{M}$, 2013, before me, the undersigned Notary Public, personal appeared Matthew J. Nicolella, proved to me through satisfactory evidence of identification, which was a Drivers License, to be the person whose name is signed above in my presence.

SS

otary Public

SEAL

RECORDED: 04/29/2014