

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
COVIDIEN GROUP S.A.R.L.	11/13/2012
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:	16149921
CORRESPONDENCE DATA	
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<i>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.</i>	
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ATTORNEY DOCKET NUMBER:	H-IL-00052CON(1988-52CNIV
NAME OF SUBMITTER:	GIORDANA M. BELENCHIA
SIGNATURE:	/Giordana M. BELENCHIA/
DATE SIGNED:	11/26/2018
Total Attachments: 33	
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ASSIGNMENT

WHEREAS, Covidien Group S.à r.l., (“Assignor”) a private limited liability company incorporated under the laws of the Grand-Duchy of Luxembourg, registered with the Luxembourg Trade and Companies Register under the number B 61111 and with a registered office at 3b Boulevard Prince Henri, L-1724 Luxembourg, Grand-Duchy of Luxembourg, is the owner of all right, title and interest in and to the patents and patent applications listed in Schedule A attached hereto and incorporated herein; and

WHEREAS, Covidien LP (hereinafter, the “Assignee”), a legal entity of the State of Delaware, having a place of business at 15 Hampshire Street, Mansfield, MA 02048, is desirous of acquiring said patents and patent applications listed in Schedule A;

WHEREAS, Assignor hereby conveys and assigns to the Assignee, and the successors, assigns and legal representatives of the Assignee, and Assignee hereby accepts from Assignor, Assignor’s entire right, title and interest in and to said patents and patent applications listed in Schedule A, including the right to sue for present, past and future infringement, in the United States, its territorial possessions, and in all foreign countries, including all treaty and convention rights in and to said patents and patent applications listed in Schedule A.

WHEREAS, Assignor represents and warrants to Assignee that:

- (a) Assignor has the right, power and authority to enter into this Assignment;
- (b) Assignor is the exclusive owner of all right, title and interest, including all intellectual property rights, in said patents and patent applications listed in Schedule A;
- (c) The patents and patent applications listed in Schedule A are free of any liens, security interests, encumbrances or licenses;
- (d) There are no claims, pending or threatened, with respect to Assignor’s rights in said patents and patent applications listed in Schedule A;
- (e) This Assignment is valid, binding and enforceable in accordance with its terms; and
- (f) Assignor is not subject to any agreement, judgment or order inconsistent with the terms of this Assignment.

NOW THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Assignor does hereby irrevocably assign, sell and transfer unto the Assignee, all of its right, title and interest in and to said patents and patent applications listed in Schedule A in the United States and all jurisdictions outside the United States (including, all divisional, continuation, continuation-in-part, substitute, renewal, reissue, re-examinations, and all other applications for patent which have been or shall be filed in the United States, including all provisional and non-provisional applications, and all foreign countries relating to such patents and patent applications; all original and reissued or re-examined patents which have been or shall be issued in the United States and all foreign countries for such patents and patent applications; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on the patents and patent applications, and any priority right that may arise from said patents and patent applications listed in Schedule A), the same to be held and enjoyed by Assignee as fully and entirely as said interest could have been held and enjoyed by Assignor had this sale, assignment, transfer and conveyance not been made. Assignor authorizes the Commissioner of Patents of the United States and other empowered officials of the United States Patent and Trademark Office and in any applicable jurisdictions outside the United States to record the transfer ownership of the patents and patent applications set forth on Schedule A to Assignee as assignee of Assignor's entire right, title and interest therein. Assignor agrees to further execute any documents reasonably necessary to effect this assignment or to confirm Assignee's entire right, title and interest in and to said patents and patent applications listed in Schedule A.

This assignment by Assignor to Assignee of its entire right, title and interest in and to said patents and patent applications listed in Schedule A, shall be effective as of the date hereof.

This Agreement shall be governed by the laws of the State of Massachusetts, without regard to the principles of conflicts of law thereof.

This Assignment contains the entire understanding between the parties hereto with respect to its subject matter and supersedes any prior or contemporaneous written or oral assignments, representations or warranties between them respecting the subject matter hereof.

This Assignment may be amended only by a writing signed by both parties.

If any term, provision, covenant or condition of this Assignment, or the application thereof to any person, place or circumstance, shall be held by a court of competent jurisdiction to be invalid, unenforceable or void, the remainder of this Assignment and such term, provision, covenant or condition as applied to other persons, places and circumstances shall remain in full force and effect.

Assignor agrees to perform any further acts and execute and deliver any documents that may be reasonably necessary to carry out the provisions of this Assignment.

Signature:  _____

Name: _____
Type or print the name of the person authorized to sign on behalf of ASSIGNOR (Covidien Group S a r l)

Date: November 13, 2012

Title: _____

ACCEPTED:

Covidien LP

By: _____

Title: _____

This Assignment may be amended only by a writing signed by both parties.

If any term, provision, covenant or condition of this Assignment, or the application thereof to any person, place or circumstance, shall be held by a court of competent jurisdiction to be invalid, unenforceable or void, the remainder of this Assignment and such term, provision, covenant or condition as applied to other persons, places and circumstances shall remain in full force and effect.

Assignor agrees to perform any further acts and execute and deliver any documents that may be reasonably necessary to carry out the provisions of this Assignment.

Signature: _____

Name: _____
Type or print the name of the person authorized to sign on behalf of ASSIGNOR (Covidien Group S à r.l.)

Date: November 13, 2012

Title: _____

ACCEPTED:

By: 
Covidien LP

Title: 

SCHEDULE A

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number	Reel/Frame No.
ISSUED US PATENTS						
H-IL-00003	09/210,541	Wireless Six-Degree-of-Freedom Locator	12/14/1998	2/13/2001	6,188,355	009644/0641
H-IL-00004 US	09/367,318	Six-Degree-Of-Freedom Tracking System Having A Passive Transponder On The Object Being Tracked	8/11/1999	4/30/2002	6,380,732	010330/0705
H-IL-00004 DIV	09/860,484	Six-Degree Tracking System	5/21/2001	6/28/2011	7,969,143	See Parent
H-IL-00005 US	09/463,177	Intrabody Navigation System For Medical Applications	1/21/2000	7/15/2003	6,593,884	010636/0399
H-IL-00005 CON	09/879,109	(Div. of 27) Navigable Catheter	6/13/2001	9/20/2005	6,947,788	020532/0563
H-IL-00005 CON2	10/397,358	(Cont. of 27) Intrabody Navigation System For Medical Applications	3/27/2003	12/21/2004	6,833,814	020532/0563
H-IL-00005 CON3	10/408,123	Intrabody Navigation System For Medical Applications	4/8/2003	6/30/2009	7,555,330	020532/0563
H-IL-00006	09/179,827	System And Method Of Recording And Displaying In Context Of An Image A Location Of At Least One Point-Of-Interest In A Body During An Intra-Body Medical Procedure	10/28/1998	5/1/2001	6,226,543	009652/0487

Covident Docket No.	Serial number	Title	Filing date	issue date	Issue number	Reel/Frame No.
H-IL-00006 CIP	09/463,176	(CIP of 5) System And Method For Determining The Location Of A Catheter During An Intra-Body Medical Procedure	1/21/2000	3/23/2004	6,711,429	010593/0808
H-IL-00006 CON	09/838,238	(Cont. of 5) System And Method Of Recording And Displaying In Context Of An Image A Location Of At Least One Point-Of-Interest In A Body During An Intra-Body Medical Procedure	4/20/2001	5/6/2003	5,558,333	020532/0712
H-IL-00010	09/830,484	Linking Of An Intra-Body Tracking System To External Reference Coordinates	4/27/2001	6/3/2003	6,574,498	011832/0018
H-IL-00011	09/959,837	Method And System For Displaying Cross-Sectional Images Of A Body	1/18/2001	2/7/2006	6,996,430	012320/0584
H-IL-00012	10/009,762	Steering Configuration For Catheter With Rigid Distal Device	3/6/2002	3/9/2004	5,702,780	012620/0611
H-IL-00013	10/137,415	Multiple-Electrode Catheter Assembly And Method Of Operating Such A Catheter Assembly	5/3/2002	5/3/2005	6,887,236	012874/0891
H-IL-00019	09/819,676	Object Tracking Using A Single Sensor Or A Pair Of Sensors	3/29/2001	9/2/2003	6,615,155	011686/0754
H-IL-00031	10/491,099	Endoscope Structures And Techniques For Navigating To A Target In Branched Structure	3/29/2004	6/19/2007	7,233,820	015600/0896

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number	Reel/Frame No.
H-IL-00031 CON	11/765,330	(Cont. of 91) Endoscope Structures And Techniques For Navigating To A Target In Branched Structure	6/19/2007	8/16/2011	7,998,062	020547/0435
H-IL-00037 CON	08/603,627	Computerized Game Board	2/21/1996	12/29/1998	5,853,327	024091/0555
H-IL-00051	12/466,238	Automatic Pathway And Waypoint Generation And Navigation Method	5/14/2009	7/10/2012	8,218,846	023287/0799
H-IL-00053	12/478,573	Hybrid Registration Method	6/4/2009	7/10/2012	8,218,847	023398/0194

Pending US Patent Applications

H-IL-00009 CIP	12/271,175	Directional Anchoring Mechanism, Method And Applications Thereof	11/14/2008			022761/0915
H-IL-00009 CIP DIV	13/475,835	Directional Anchoring	5/18/2012			
H-IL-00009 CIP DIV 2	13/475,842	Directional Anchoring	5/18/2012			
H-IL-00018 DIV	12/490,237	(Div. of 75, claims 47-53) Methods And Systems For Performing Medical Procedures With Reference To Projective Image And With Respect To Pre-Stored Images	6/23/2009			
H-IL-00031 CON2	12/723,577	(Cont. of 512) Endoscope Structures and Techniques for Navigating to a Target in a Branched Structure	3/12/2010			

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number	Reel/Frame No.
H-IL-00031 CON3	13/157,283	(Cont. of 512) Endoscope Structures And Techniques For Navigating To A Target In Branched Structure (Divisional claims 10-17)	6/9/2011			
H-IL-00033	10/571,793	System Of Accessories For Use With Bronchoscope	3/15/2006			020534/0707
H-IL-00033 DIV	12/629,852	(1st DIV of 111) System Of Accessories For Use With Bronchoscope (Claims 7-12)	12/2/2009			
H-IL-00033 DIV 2	12/629,857	(2nd DIV of 111) System Of Accessories For Use With Bronchoscope (Claims 13-16)	12/2/2009			
H-IL-00033 DIV 3	12/629,862	(3rd DIV of 111) System Of Accessories For Use With Bronchoscope (Claims 17-20)	12/2/2009			
H-IL-00033 PCT 2 US	11/568,260	System And Method For Image- Based Alignment Of An Endoscope	10/25/2006			020512/0673
H-IL-00038	11/939,537	Adaptive Navigation Technique For Navigating A Catheter Through A Body Channel Or Cavity	11/13/2007			020439/0658
H-IL-00039	12/501,330	Integrated Multi-Functional Endoscopic Tool	7/10/2009			023284/0070
H-IL-00039 DIV	13/474,561	Integrated Multi-Functional Endoscopic Tool	5/17/2012			
H-IL-00039 DIV 2	13/474,572	Integrated Multi-Functional Endoscopic Tool	5/17/2012			
H-IL-00042	12/233,933	Bronchoscope Adapter And Method	9/19/2008			021557/0586

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number	Reel/Frame No.
H-IL-00042 DIV	13/492,740	Bronchoscope Adapter And Method	6/8/2012			
H-IL-00042 DIV 2	13/492,746	Bronchoscope Adapter And Method	6/8/2012			
H-IL-00043	12/056,123	CT-Enhanced Fluoroscopy	3/26/2008			023917/0015
H-IL-00045	12/170,385	Patient Breathing Modeling	7/9/2008			022167/0307
H-IL-00045 DIV	13/286,918	(Div. of 509) Patient Breathing Modeling	11/1/2011			
H-IL-00045 DIV2	13/286,947	(Div. of 509) Patient Breathing Modeling	11/1/2011			
H-IL-00045 DIV3	13/286,977	(Div. of 509) Patient Breathing Modeling	11/1/2011			
H-IL-00047	12/417,381	Magnetic Interference Detection System And Method	4/2/2009			023024/0521
H-IL-00048	12/369,466	Controlled Perspective Guidance Method	2/11/2009			022557/0843
H-IL-00051	13/544,468	Automatic Pathway And Waypoint Generation And Navigation Method	7/9/2012			
H-IL-00052	12/476,976	Feature-Based Registration Method	6/2/2009			023301/0027
H-IL-00053 DIV	13/287,883	Hybrid Registration Method	11/2/2011			
H-IL-00053 DIV 2	13/287,903	Hybrid Registration Method	11/2/2011			
H-IL-00060	12/755,332	Localable Catheter	4/6/2010			025742/0926
H-IL-00065	12/780,678	Automatic Registration Technique	5/14/2010			025536/0386
H-IL-00070	13/019,261 61/300,423	Region-Growing Algorithm	2/1/2011 2/1/2010			026193/0969

Coviden Docket No.	Serial number	Title	Filing date	Issue date	Issue number	Reel/Frame No.
H-IL-00071	13/047,725	<i>Image Viewing Application And Method For Orientationally Sensitive Display Devices</i>	3/14/2011			026562/0121
Abandoned/Expired US Applications						
1988-5 PCT US DIV	09/879,108	<i>Catheter Tracking</i>	6/13/2001			
1988-5 PCT US DIV2	09/879,107 US 2001/0047133 published 11/29/2001	<i>Imaging Device With Magnetically Permeable Compensator</i>	6/13/2001			
1988-6 PRO	60/142,976	<i>System And Method Of Recording And Displaying In Context Of An Image A Location Of At Least One Point Of Interest In A Body During An Intra-Body Medical Procedure</i>	7/12/1999			
1988-6 PRO2	60/316,272	<i>Notches</i>	9/4/2001			
1988-6 CIP CON	10/445,357 US 2004/0006268 Published 1/8/2004	<i>(Cont. of 28) System And Method Of Recording And Displaying In Context Of An Image A Location Of At Least One Point-Of-Interest In A Body During An Intra-Body Medical Procedure</i>	5/27/2003			

Covdient Docket No.	Serial number	Title	Filing date	Issue date	Issue number	Reel/Frame No.
1988-6 CIP CON II	11/427,353	(Cont. of 89) System And Method Of Recording And Displaying In Context Of An Image A Location Of At Least One Point-Of-Interest In A Body During An Intra-Body Medical Procedure	6/29/2006			020536/0736
1988-6 CIP II	10/190,847	System And Method Of Recording And Displaying In Context Of An Image A Location Of At Least One Point-Of-Interest In A Body During An Intra-Body Medical Procedure	7/9/2002			
1988-6 CIP II CON	12/503,045	(Cont. of 87) System And Method Of Recording And Displaying In Context Of An Image A Location Of At Least One Point-Of-Interest In A Body During An Intra-Body Medical Procedure	7/14/2009			
1988-8 PRO	60/148,703	Auto Catheter Guide	8/16/1999			
1988-9 PRO	60/542,280	Directional Anchoring Mechanism, Method And Applications Thereof	2/9/2004			
1988-9 PCT US	10/697,747	Directional Anchoring Mechanism, Method And Applications Thereof	8/6/2006			
1988-10	60/154,254	Intra-Body Tracking	7/26/1999			
1988-11 PRO	60/148,693	Method For Display An Image Of A Cross-Section Of A Body	8/16/1999			
1988-12 PRO	60/152,813	Coupling Of A Steerable Mechanism And A Sensor	9/8/1999			

Covdient Docket No.	Serial number	Title	Filing date	Issue date	Issue number	Reel/Frame No.
1988-13	60/164,142	Apparatus And Method For Intrabodily Applying Continuous Treatment Along A Line	11/8/1999			
1988-14	60/167,620	Cross Section Disp.	11/26/1999			
1988-15	60/167,619	Intra body tracking	11/26/1999			
1988-16 PRO	60/170,776	Compensation For An Induced Signal In Presence Of A Sensor	12/15/1999			
1988-16 PCT US	10/129,365	Device And Method For Applying Energy To A Target	5/3/2002			
1988-17	60/174,660	Reusability	1/6/2000			
1988-18 PRO	60/175,226	Interventional 3D Fluoroscope	1/10/2000			
1988-18 PCT US	10/169,186	Methods And Systems For Performing Medical Procedures With Reference To Projective Image And With Respect To Pre-Stored Images	6/28/2002			
1988-19 PRO	60/188,025	Position Determination System Using Single Coil Sensor	3/9/2000			
1988-20 PRO	60/198,736	System and Method For Intravascular Catheter Navigation	4/21/2000			
1988-20 PCT US	10/258,124 (US-2005/0171508 published 8/4/2005)	System and Method For Intravascular Catheter Navigation	10/21/2002			
1988-21 PCT US	09/845,202 US 2002/0165468 published 11/7/2002	Combined Catheter And Input Device	5/1/2001			
1988-25	60/302,684	US Lesion Map	7/5/2001			

Coviden Docket No.	Serial number	Title	Filing date	Issue date	Issue number	Reel/Frame No.
1988-26	60/314,296	Orthogonality Cath	8/24/2001			
1988-27	60/312,464	Intrabody Capsule	8/16/2001			
1988-28	60/314,171	Fluoro/Endoscope	8/23/2001			
1988-29	60/317,149	Bronchial Tree	9/6/2001			
1988-30	09/959,811	Auto Catheter Guide	11/8/2001			
1988-31 PRO	60/372,804	Navigate A Catheter In The Bronchial Tree	4/17/2002			
1988-31 PRO 2	60/388,758	Independent Working Channel For Bronchoscopes And Method Of Use	6/17/2002			
1988-31 PRO 3	60/407,951	Designating A Target And Navigating A Tool Using A Fluoroscope And An Endoscope	9/5/2002			
1988-32	60/441,155	Fiber Optic Video Generator	1/21/2003			
1988-33 PRO	60/502,615	Bronchoscope Handle Attachment	9/15/2003			
1988-33 PRO 2	60/550,346	System Of Accessories For Use With Bronchoscope	3/8/2004			
1988-33 PRO 3	60/564,944	System Of Accessories For Use With Bronchoscope	4/26/2004			
1988-34 PRO	60/585,570	Method For Ablating Tissue	7/7/2004			
1988-34 PCT US	11/571,796	Methods for Localized Intra-Body Treatment Of Tissue	1/8/2007			018889/0979
1988-35 PRO	60/647,036	Miniature Video Camera	1/27/2005			
1988-35 PCT US	10/571,695	Endoscope With Miniature Imaging Arrangement	3/13/2006			

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number	Reel/Frame No.
1988-36	60/747,540	Travel Training Model (TTM)	5/18/2006			
1988-38 PRO	60/867,428	Adaptive Navigation Technique For Navigating A Catheter Through A Body Channel Or Cavity	11/28/2006			
1988-38 PRO 2	60/867,663	Adaptive Navigation Technique For Navigating A Catheter Through A Body Channel Or Cavity	2/1/2007			
1988-44 PRO	61/051,632	Target Identification Tool For Intra Body Localization	5/8/2008			
1988-45 PRO	61/043,987	Patient Breathing Modeling II	4/10/2008			
1988-47 PRO	61/042,191	Magnetic Interference Detection System And Method (refiled as 515, which includes mapping disclosure omitted from 511)	4/3/2008			
1988-55	61/090,284	In Vivo Expanded Working Channel	8/20/2008			
1988-61	12/642,631	Hybrid Registration Method	12/18/2009			
1988-63	12/725,388	Lung Nodule Management	3/16/2010			
Unfiled US Applications/Disclosures						
1988-22		Combined Actuate				
1988-23		3D Model FIT				
1988-24		No Breathing				
H-IL-00040		Cauterizing Biopsy Tool				
H-IL-00041		Improved Extended Working Channel				

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number	Reel/Frame No.
H-IL-00046		Automatic Navigation and Drive Mechanism				
H-IL-00048 CIP		(CIP of 513) Controlled Perspective Guidance Method (Version 6 Software)				
H-IL-00049		Navigable Catheter Having A Single Or No Pull Wires				
1988-54		Adaptive Wave Propagation Technique				
H-IL-00062		Device And Method For Applying Energy To A Target				
H-IL-00063 CIP		(CIP of 534) Lung Nodule Management				
H-IL-00064		Lung Capacity Reduction Device And Method				
H-IL-00065		ALGRC Algorithm				
H-IL-00067		Portable Calibration Tool and Method for Navigation System				
H-IL-00068		Imaging Alignment Tool for Use with a C-Arm				
H-IL-00072		Medical-Specific Conversion Application				

Covidien Docket No.	Serial number	Title	Filing date
PENDING PCT APPLICATIONS			
H-IL-00071 PCT	PCT/US2011/028412	<i>Image Viewing Application And Method For Orientationally Sensitive Display Devices</i>	3/14/2011
ABANDONED/EXPIRED PCT APPLICATIONS			
H-IL-00004 PCT	IL97/00054	<i>Six-Degree Tracking System</i>	2/13/1998
H-IL-00005 PCT	IL99/00371	<i>Intrabody Navigation System For Medical Applications</i>	7/7/1999
H-IL-00006 PCT	IL99/00512	<i>System And Method For Determining The Location Of A Catheter During An Intra-Body Medical Procedure</i>	9/23/1999
H-IL-00008 PCT	US00/21669	<i>Method And System For Navigating A Catheter Toward A Target In A Body Cavity</i>	8/9/2000

Covidien Docket No.	Serial number	Title	Filing date
H-IL-00009 PCT	PCT/IL2005/000159 W/O 2005/074380	<i>Directional Anchoring Mechanism, Method And Applications Thereof</i>	2/9/2005
H-IL-00010 PCT	PCT/US99/26095 (W/O 01/06917 published 2/1/2001)	<i>Linking Of An Intra-Body Tracking System To External Reference Coordinates</i>	1/14/1999
H-IL-00011 PCT	US99/26826	<i>Method And System For Displaying Cross-Sectional Images Of A Body</i>	12/12/1999
H-IL-00012 PCT	IL00/00537	<i>Steering Configuration For Catheter With Rigid Distal Device</i>	9/7/2000
H-IL-00013 PCT	IL00/00735	<i>Apparatus And Method For Intrabody Treatment</i>	11/9/2000
H-IL-00013 PCT 2	IL01/00415	<i>Steerable Multiple Electrode Catheter And Method</i>	5/10/2001
H-IL-00016 PCT	PCT/US00/26322 (W/O 01/43641 published 6/21/2001)	<i>Device And Method For Applying Energy To A Target</i>	9/26/2000
H-IL-00017 PCT	NOT FILED	<i>Reusability</i>	

Covidien Docket No.	Serial number	Title	Filing date
H-IL-00018 PCT	PCT/US01/00074 (W/O01/54579 published 8/2/2001)	<i>Methods And Systems For Performing Medical Procedures With Reference To Projective Images And With Respect To Pre-Stored Images</i>	1/2/2001
H-IL-00019 PCT	IL01/00224	<i>Object Tracking Using A Single Sensor Or A Pair Of Sensors</i>	3/9/2001
H-IL-00020 PCT	IL01/00363	<i>System and Method For Intravascular Catheter Navigation</i>	4/19/2001
H-IL-00021 PCT	US01/23560	<i>Method And System For Archiving Medical Images</i>	7/26/2001
H-IL-00021 PCT2	US02/13317	<i>Combined Catheter And Input Device</i>	4/29/2002
H-IL-00031 PCT	PCT/IL2003/000323	<i>Endoscope Structures And Techniques For Navigating To A Target In Branched Structure</i>	4/16/2003
H-IL-00033 PCT	PCT/IL2004/000843 W/O 2005/025635	<i>System Of Accessories For Use With Bronchoscopes</i>	9/14/2004

Covidien Docket No.	Serial number	Title	Filing date
H-IL-00033 PCT 2	PCT/IL2005/000452	System And Method For Image-Based Alignment Of An Endoscope	5/1/2005
H-IL-00034 PCT	PCT/IL2005/000724	Methods for Localized Intra-Body Treatment Of Tissue	7/7/2005
H-IL-00035 PCT	PCT/IL2006/000113 WO/2006/080015	Endoscope With Miniature Imaging Arrangement	1/25/2006
H-IL-00038 PCT	PCT/US07/84595	Adaptive Navigation Technique For Navigating A Catheter Through A Body Channel Or Cavity	11/13/2007
H-IL-00039 WO	PCT/IL2009/00697	Integrated Multi-Functional Endoscopic Tool	7/9/2009
H-IL-00042 PCT	PCT/IB2008/002543	Bronchoscope Adapter	9/30/2008
H-IL-00043 PCT	PCT/US2008/058299	CT-Enhanced Fluoroscopy	3/25/2008
H-IL-00045 PCT	PCT/US08/69566	Patient Breathing Modeling	7/9/2008
H-IL-00047 PCT	PCT/IB2009/005167	Magnetic Interference Detection System And Method	4/2/2009

Covidien Docket No.	Serial number	Title	Filing date
H-IL-00048 PCT	PCT/IB2009/000238	Controlled Perspective Guidance Method	2/11/2009
H-IL-00051 PCT	PCT/IB2009/005609	Automatic Pathway And Waypoint Generation And Navigation Method	5/14/2009
H-IL-00052 PCT	PCT/IL2009/000553	Feature-Based Registration Method	6/2/2009
H-IL-00053 PCT	PCT/IL2009/000569	Hybrid Registration Method	6/6/2009
H-IL-00057 PCT	PCT/US2009/069073	Navigable Tissue Treatment Tools	12/21/2009
H-IL-00063 PCT	PCT/US2010/027544	Lung Nodule Management	3/16/2010
H-IL-00070 WO	PCT/US2011/023409 (changed to PCT/IB/2011/000243)	Region-Growing Algorithm	2/1/2011

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number
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ISSUED/VALIDATED FOREIGN PATENTS

ISRAEL

H-IL-00003 IL	122578	Wireless Six-Degree-of-Freedom Locator	12/12/1997	11/14/2000	122,578
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GERMANY

H-IL-00003 DE	EP 98204113.9	Wireless Six-Degree-of-Freedom Locator	12/4/1998	6/3/2009	EP0922966
H-IL-00005 DE	Based off of EP 99929671.8	Intrabody Navigation System For Medical Applications	7/7/1999	9/3/2008	EP 1100373
H-IL-00016 DE	Based off of EP 00965415.3	Device For Applying Energy To A Target	9/26/2000	6/14/2006	1244385
H-IL-00003 PCT DE	Based off of 04770514.0	System Of Accessories For Use With Bronchoscopes	9/14/2004	8/5/2009	1,667,749

FRANCE

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number
H-IL-00003 FR	EP 9820413.9	Wireless Six-Degree-of-Freedom Locator	12/4/1998	6/3/2009	EP09222966
H-IL-00005 FR	Based off of EP 99929671.8	Intrabody Navigation System For Medical Applications	7/7/1999	9/3/2008	EP 1100373
H-IL-00016 FR	Based off of EP 00965415.3	Device For Applying Energy To A Target	9/26/2000	6/14/2006	1244385
H-IL-00033 PCT FR	Based off of 04770514.0	System Of Accessories For Use With Bronchoscopes	9/14/2004	8/5/2009	1,667,749
ITALY					
H-IL-00003 IT	EP 9820413.9	Wireless Six-Degree-of-Freedom Locator	12/4/1998	6/3/2009	EP09222966
H-IL-00005 IT	Based off of EP 99929671.8	Intrabody Navigation System For Medical Applications	7/7/1999	9/3/2008	EP 1100373
H-IL-00016 IT	Based off of EP 00965415.3	Device For Applying Energy To A Target	9/26/2000	6/14/2006	1244385
H-IL-00033 PCT IT	Based off of 04770514.0	System Of Accessories For Use With Bronchoscopes	9/14/2004	8/5/2009	1,667,749
GREAT BRITAIN					

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number
H-IL-00003 GB	EP 98204113.9	Wireless Six-Degree-of-Freedom Locator	12/4/1998	6/3/2009	EP0922966
H-IL-00005 UK	Based off of EP 99929671.8	Intrabody Navigation System For Medical Applications	7/7/1999	9/3/2008	EP 1100373
H-IL-00016 UK	Based off of EP 00965415.3	Device For Applying Energy To A Target	9/26/2000	6/14/2006	1244385
H-IL-00033 PCT UK	Based off of 04770514.0	System Of Accessories For Use With Bronchoscopes	9/14/2004	8/5/2009	1.667.749
EUROPE					
H-IL-00003 EP	98204113.9 (Pub. No. EP0922966, on 6/16/1999)	Wireless Six-Degree-of-Freedom Locator	12/4/1998	6/3/2009	EP0922966
H-IL-00005 EP	99929671.8 (Pub. No. EP1100373 on 5/23/2001)	Intrabody Navigation System For Medical Applications	7/7/1999		EP1100373
H-IL-00016 EP	00965415.3	Device For Applying Energy To A Target	9/26/2000	6/14/2006	EP1244385
H-IL-00033 PCT EP	4770514 (Pub. No. EP1667749 on 6/14/2006)	System Of Accessories For Use With Bronchoscopes	9/14/2004	8/5/2009	EP1667749

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number
AUSTRALIA					
H-IL-00034 AU	2005258739	Methods for Localized Intra-Body Treatment Of Tissue	7/7/2005	2/10/2011	2005258739
PENDING FOREIGN PATENT APPLICATIONS					
EUROPE					
H-IL-00003 EP DIV	6100566.6 (Pub. No. EP1650578 on 4/26/2006)	Wireless Six-Degree-Of-Freedom Locator	12/4/1998		
H-IL-00005 EP DIV	08158218.1 (Pub. No. EP2100557 on 09/16/2009)	Intrabody Navigation System For Medical Applications	7/7/1999		
H-IL-00006 EP DIV	09160580.8	System And Method For Determining The Location Of A Catheter During An Intra-Body Medical Procedure	9/23/1999		

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number
H-IL-00019 EP	1912092.2 (Pub. No. EP1269111 on 1/2/2003)	Object Tracking Using A Single Sensor Or A Pair Of Sensors	3/9/2001		
H-IL-00020 EP	1925833.4 (Pub. No. EP1276532 on 1/22/2003)	System And Method For Intravascular Catheter Navigation	4/19/2001		
H-IL-00031 EP	3719056.8 (Pub. No. EP1499235 on 1/26/2005)	Endoscope Structures And Techniques For Navigating To A Target In Branched Structure	4/16/2003		
H-IL-00031 EP DIV	11174666.5	Endoscope Structures And Techniques For Navigating To A Target In Branched Structure	4/16/2003		
H-IL-00033 PCT EP DIV	09157586.0 (Pub. No. EP2113189 on 12/22/2010)	System Of Accessories For Use With Bronchoscopes	(Filed in EP) 4/8/2009 Int'l Filing Date: 9/14/2004		
H-IL-00033 PCT EP DIV 2	10191689.8 (Pub. No. EP2316328 on 4/5/2011)	System Of Accessories For Use With Bronchoscopes	(Filed in EP) 11/18/2010 Int'l Filing Date: 9/14/2004		
H-IL-00033 PCT 2 EP	5737664.2 (Pub. No. EP1761160 on 3/14/2007)	System And Method For Image-Based Alignment Of An Endoscope	5/1/2005		

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number
H-IL-00035 EP	06701745.9	Endoscope With Miniature Imaging Arrangement	1/26/2006		
H-IL-00038 EP	78733356.5	Adaptive Navigation Technique For Navigating A Catheter Through A Body Channel Or Cavity	11/13/2007		
H-IL-00039 EP	09794100.9 (Pub. No. EP2303099 on 01/14/2010)	Integrated Multi-Functional Endoscopic Tool	7/9/2009		
H-IL-00039 EP DIV	11182823.2	Integrated Multi-Functional Endoscopic Tool	7/12/2009		
H-IL-00042 EP	08832799.4 (Pub. No. EP2242416 on 04/02/2009)	Bronchoscope Adapter And Method	9/30/2008		
H-IL-00043 EP	08789104.0	CT-Enhanced Fluoroscopy	3/26/2008		
H-IL-00045 EP	8860538.1	Patient Breathing Modeling	7/9/2008		
H-IL-00048 EP	09709594.7 (Pub. No. EP2247236 on 11/10/2010)	Controlled Perspective Guidance Method	2/11/2009		

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number
H-IL-00051 EP	9746166.9 (Pub. No. EP2299924 on 3/30/2011)	Automatic Pathway And Waypoint Generation And Navigation Method	12/14/2010		
H-IL-00052 EP	09758015.3 (Pub. No. EP2297673 on 03/23/2011)	Feature-Based Registration Method	1/3/2011		
H-IL-00053 EP	9758027.8	Hybrid Registration Method	1/4/2011		
H-IL-00060 EP	10159373.9	Locatable Catheter	4/8/2009		
H-IL-00065 EP	EP10162897.2	Automatic Registration Technique	5/14/2010		
H-IL-00070 PCT EP	11736679.9	Region-Growing Algorithm	9/3/2012		
AUSTRALIA					
H-IL-00070 PCT AU	2011210257.0	Region-Growing Algorithm	7/24/2012		
JAPAN					
H-IL-00070 PCT JP	100114775.0	Region-Growing Algorithm	7/23/2012		

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number
CANADA					
H-IL-00070 PCT CA	Canadian National Phase of PCT/IB/2011/000243	Region-Growing Algorithm	7/27/2012		
ABANDONED FOREIGN APPLICATIONS					
AUSTRALIA					
H-IL-00035 AU	2006209044	Endoscope With Miniature Imaging Arrangement	1/26/2006		
H-IL-00038 AU	2007350982	Adaptive Navigation Technique For Navigating A Catheter Through A Body Channel Or Cavity	11/13/2007		
CANADA					
H-IL-00007 CA	Not Filed	Wireless 6 DOF			
CHINA					
H-IL-00007 CN	Not Filed	Wireless 6 DOF			

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number
H-IL-00031 CN	03813548.5	Endoscope Structures And Techniques For Navigating To A Target In Branched Structure	4/16/2003		
H-IL-00033 CN	200480026513.4	System Of Accessories For Use With Bronchoscopes	9/14/2004		
H-IL-00038 CN	2007-80049625.5	Adaptive Navigation Technique For Navigating A Catheter Through A Body Channel Or Cavity	11/13/2007		
H-IL-00043 CN	2008-80017392.5	CT-Enhanced Fluoroscopy	3/26/2008		
EUROPE					
H-IL-00006 EP	99946419.1 (Pub. No. EP1145328 on 7/18/2001)	System And Method For Determining The Location Of A Catheter During An Intra-Body Medical Procedure	9/23/1999		
H-IL-00011 EP	99967102.7 (Pub. No. EP1204369 on 5/15/2002)	Cross-Section Disp.	12/12/1999		
H-IL-00013 EP	Not Filed	Apparatus And Method For Intrabodily Applying Continuous Treatment Along A Line			

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number
H-IL-00018 EP	01900305.2 EP1246564 published 10/9/2002	<i>Methods And Systems For Performing Medical Procedures With Reference To Projective Image And With Respect To Pre-Stored Images</i>	1/2/2001		
H-IL-00034 EP	05759180.2	<i>Methods for Localized Intra-Body Treatment Of Tissue</i>	7/7/2005		
H-IL-00005 EP DIV2	10182338.3 (Pub. No. EP2279692 on 02/23/2011)	<i>Intrabody Navigation System For Medical Applications</i>	7/7/1999		
ISRAEL					
H-IL-00005 IL	125626	<i>Intrabody Navigation System For Medical Applications</i>	8/2/1998		
H-IL-00005 IL 2	126814	<i>Intrabody Navigation System For Medical Applications</i>	10/29/1998		
H-IL-00006 IL	126333	<i>Arrhythmia Navigation System Of Accessories For Use With Bronchoscopes</i>	9/24/1998		
H-IL-00033 IL	174255	<i>System Of Accessories For Use With Bronchoscopes</i>	9/14/2004		

Covidien Pocket No.	Serial number	Title	Filing date	Issue date	Issue number
H-IL-00038 IL	198667	Adaptive Navigation Technique For Navigating A Catheter Through A Body Channel Or Cavity	11/13/2007		
INDIA					
H-IL-00031 IN	2316/CHENP/2004	Endoscope Structures And Techniques For Navigating To A Target In Branched Structure	4/16/2003		
H-IL-00033 IN	911/CHENP/2006	System Of Accessories For Use With Bronchoscopes	9/14/2004		
H-IL-00038 IN	3625/DELNP/2009	Adaptive Navigation Technique For Navigating A Catheter Through A Body Channel Or Cavity	11/13/2007		
JAPAN					
H-IL-00005 JP	2000-565784	Intrabody Navigation System For Medical Applications	7/7/1999		
H-IL-00005 JP	2005-001767	(Div. of 43) Intrabody Navigation System For Medical Applications	7/7/1999		

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number
H-IL-00005 JP 2	2005-001768	(2nd Div. of 43) Intrabody Navigation System For Medical Applications	7/7/1999		
H-IL-00005 JP 3	2005-001769	(3rd Div. of 43) Intrabody Navigation System For Medical Applications	7/7/1999		
H-IL-00005 JP 4	2005-001770	(4th Div. of 43) Intrabody Navigation System For Medical Applications	7/7/1999		
H-IL-00006 JP	2000-573647	System And Method Of Recording And Displaying In Context Of An Image A Location Of At Least One Point-Of-Interest In A Body During An Intra-Body Medical Procedure	9/23/1999		
H-IL-00031 JP	2003-583508	Endoscope Structures And Techniques For Navigating To A Target In Branched Structure	4/16/2003		
H-IL-00031 JP DIV	2009-141692	Endoscope Structures And Techniques For Navigating To A Target In Branched Structure	4/16/2003		

Covidien Docket No.	Serial number	Title	Filing date	Issue date	Issue number
H-IL-00033 JP	2006-526007	System Of Accessories For Use With Bronchoscopes	9/14/2004		
H-IL-00035 JP	2007-552806	Endoscope With Miniature Imaging Arrangement	1/26/2006		
H-IL-00038 JP	2009-535836	Adaptive Navigation Technique For Navigating A Catheter Through A Body Channel Or Cavity	11/13/2007		
H-IL-00043 JP	2010-500388	CT-Enhanced Fluoroscopy	3/26/2008		