502774996 04/21/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2821591

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
INTRALUMINAL THERAPEUTICS, INC.	05/23/2006

RECEIVING PARTY DATA

Name:	KENSEY NASH CORPORATION
Street Address:	735 PENNSYLVANIA DRIVE
City:	EXTON
State/Country:	PENNSYLVANIA
Postal Code:	19341

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13898093

CORRESPONDENCE DATA

Fax Number: (303)607-3600

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US Mail.

Phone: (303) 607-3500

Email: aimee.miller@faegreBD.com

Correspondent Name: STEVEN C. WIEMER
Address Line 1: 1700 LINCOLN STREET

Address Line 2: SUITE 3200

Address Line 4: DENVER, COLORADO 80203

ATTORNEY DOCKET NUMBER:	487145.109
NAME OF SUBMITTER:	STEVEN C. WIEMER
SIGNATURE:	/steven c wiemer/
DATE SIGNED:	04/18/2014

Total Attachments: 9

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502774996 REEL: 032716 FRAME: 0488

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> PATENT REEL: 032716 FRAME: 0489

ASSIGNMENT OF PATENTS

ASSIGNMENT OF PATENTS made as of the 25th day of May, 2006, by IntraLuminal Therapeutics, Inc., a Delaware corporation with its principal place of business at 6354 Corte Del Abeto, Suite A, Carlsbad, CA 92011 ("Assignor"), to Kensey Nash Corporation, a Delaware corporation with its principal place of business at 735 Pennsylvania Drive, Exton, PA 19341 ("Assignee").

RECITAL

Assignee and Assignor are parties to an Asset Purchase Agreement dated as of May 25, 2006 (the "Agreement"), pursuant to which Assignor has agreed to sell to Assignee and Assignee has agreed to buy from Assignor the Assets (as defined in the Agreement), including without limitation the patents of Assignor. Pursuant to the Agreement, Assignor has agreed to execute such instruments as the Assignee may reasonably request in order more effectively to assign, transfer, grant, convey, assure and confirm to Assignee and its successors and assigns, or to aid and assist in the collection of or reducing to possession by the Assignee of, all of such Assets.

In accordance therewith, Assignor desires to transfer and assign to Assignee, and Assignee desires to accept the transfer and assignment of, all of Assignor's worldwide right, title and interest in, to and under Assignor's registered and unregistered domestic and foreign patents and patent applications, including without limitation, the patents and patent applications listed on Schedule A annexed hereto and incorporated herein by reference (all of the foregoing being referred to herein as the "Patents").

NOW, THEREFORE, Assignor, for and in exchange for the payment of the purchase price set forth in the Agreement, the receipt of which is hereby acknowledged, does hereby transfer and assign to Assignee, and Assignee hereby accepts the transfer and assignment of, all of Assignor's worldwide right, title and interest in, to and under the Patents, together with the goodwill of the business associated therewith and which is symbolized thereby, all rights to sue for infringement of any Patent, whether arising prior to or subsequent to the date of this Assignment of Patents, and any and all renewals and extensions thereof that may hereafter be secured under the laws now or hereafter in effect in the United States, Canada and in any other jurisdiction, the same to be held and enjoyed by the said Assignee, its successors and assigns from and after the date hereof as fully and entirely as the same would have been held and enjoyed by the said Assignor had this Assignment of Patents not been made.

Except to the extent that federal law preempts state law with respect to the matters covered hereby, this Assignment of Patents shall be governed by and construed in accordance with the laws of the Commonwealth of Pennsylvania without giving effect to the principles of conflicts of laws thereof.

IN WITNESS WHEREOF, Assignor has caused its duly authorized officer to execute this Assignment of Patents as of the date first above written.

Page 1 of 9

IN WITNESS WHEREOF, Assignor has caused its duly authorized officer to execute this Assignment of Patents as of the date first above written.

IntraLuminal Therapoutics, Inc.

y: tale Meet Name: Japon NEET

Title: PARTED BUT P CEO

State of Kansas

85,;

County of Angle

On this 23th day of May 2006, before me, John M. Heet personally appeared John Met Pres of Intralluminal Therapeutics, Inc., personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal,

My Commission Expires:

HOTUMAY PUBLIC - State of Kansas CATHY J. MILLER Hy Appl. Exp. 2-2-2-2-2

PAGE 2/2 * RCVD AT 5/23/06 2:36:33 PM (Pacific Daylight Time) * SVR:SDCS01/3 * DNIS:5996 * CSID:785 838 9177 * DURATION (mm-ss):01-06

REEL: 032716 FRAME: 0491

SCHEDULE A

U.S. Patents and Applications

U.S. Patents and Applications								
<u>Patent</u>	Owner	Application Number	File Date	Patent Number	<u>Grant</u> <u>Date</u>	Country		
CATHETER FOR LASER TREATMENT								
OF ATHEROSCLEROTIC PLAQUE		,						
AND OTHER TISSUE	1		}					
ABNORMALITIES	ILT	08/851,409	5/5/1997	5,916,210	6/29/1999	United States		
MEDICAL CATHETER USING OPTICAL	,			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
FIBERS THAT TRANSMIT BOTH	1 !			'				
LASER ENERGY AND ULTRASONIC								
IMAGING SIGNALS	ILT	07/966,279	10/26/1992	5,350,377	9/27/1994	United States		
MEDICAL CATHETER USING OPTICAL								
FIBERS THAT TRANSMIT BOTH			ŀ					
LASER ENERGY AND ULTRASONIC			!			}		
IMAGING SIGNALS	ILT	08/310,498	9/22/1994	5,486,170	1/23/1996	United States		
SYSTEMS AND METHODS FOR								
STEERING A CATHETER THROUGH				'		}		
BODY ISSUE	ILT	08/890,630	7/9/1997	6,013,072	1/11/2000	United States		
SYSTEMS AND METHODS FOR		<u> </u>			1			
GUIDING A MEDICAL INSTRUMENT								
THROUGH A BODY	ILT	08/890,631	7/9/1997	8,048,349	4/11/2000	United States		
ASSEMBLIES AND METHODS FOR								
ADVANCING A GUIDE WIRE	1				ĺ	1		
THROUGH BODY TISSUES	ILT	08/943,386	10/3/1997	5,951,482	9/14/1999	United States		
EXPANDABLE LASER CATHETER	ILT	09/133,575	8/13/1998	6,106,515		United States		
								
GUIDE WIRE ASSEMBLY	ILT	09/060,487	4/15/1998	6,193,676	2/2//2001	United States		
CATHETER FOR LASER TREATMENT			j .		l	}		
OF ATHEROSCLEROTIC PLAQUE	1		1			1		
AND OTHER TISSUE	l /					[<u></u> .]		
ABNORMALITIES	ILT	09/174980	10/19/1998	Abandoned	11/6/2002	United States		
SYSTEM AND METHOD FOR						l., Ì		
CONTROLLING TISSUE ABLATION	ILT	09/228,030	1/9/1999	6,228,076	5/8/2001	United States		
SYSTEMS AND METHODS FOR								
GUIDING A MEDICAL INSTRUMENT	{					1		
THROUGH A BODY	ILT	09/275,623	3/24/1999	6,063,093	5/16/2000	United States		
SYSTEMS AND METHODS FOR					•	ŀ		
GUIDING A MEDICAL INSTRUMENT]	1		
THROUGH A BODY	ILT	09/276,379	3/25/1999	6,463,313	10/8/2002	United States		
CATHETER FOR CONTROLLING THE	1				ł]		
	ILT	09/495,203	3/14/2000	6,394,976	5/28/2002	United States		
SYSTEMS AND METHODS FOR					ĺ			
STEERING A CATHETER THROUGH	1							
BODY TISSUE	ILT	09/339,559	7/21/1999	6,683,621	12/16/2003	United States		
EXPANDABLE LASER CATHETER	ILT	09/564,137	7/3/2000	6,485,485	11/26/2002	United States		
CATHETER HANDLE FOR	·							
CONTROLLING THE ADVANCEMENT	•		1		l	{		
OF A GUIDE WIRE	ILT	09/507,519	2/18/2000	6,752,800	6/22/2004	United States		
METHOD AND APPARATUS FOR	 		12,200	· · · · · · · · · · · · · · · · · · ·				
GUIDING A GUIDE WIRE	ILT	09/539,015	3/30/2000	6,842,639	1/11/2005	United States		
CAICHTA LI COICE TILLE	····	00,000,010	10,0012000		1 1/11/2000	CHINCH CITIES		

		Application			Grant	
<u>Patent</u>	Owner		File Date	Patent Number	Date	Country
RADIO FREQUENCY GUIDE WIRE		,				
ASSEMBLY WITH OPTICAL]		ľ		1	
COHERENCE REFLECTOMETRY]		1		i .
GUIDANCE	ILT	10/166,900	6/11/2002	6,852,109	2/8/2005	United States
DEFLECTING CATHETER	ILT	10/248,071	12/16/2002	6,951,554	10/4/2005	United States
SHAPEABLE INTRALUMINAL DEVICE						
AND METHOD THEREFOR	ILT	10/249,453	4/10/2003			United States
EXPANDABLE LASER CATHETER	ILT	10/270,917	10/15/2002			United States
SYSTEMS AND METHODS FOR	-					
GUIDING A MECHANICAL .			i			
INSTRUMENT THROUGH A BODY	ILT	10/265,801	10/7/2002	6,970,732	11/29/2005	United States
APPARATUS FOR PHOTOABLATIVE						
TREATMENT OF ATHEROSCLEROTIC	ļ !					l 'I
LESIONS	ILT	07/470,722	1/26/1990	Abandoned	10/21/1991	United States
CATHETER FOR LASER TREATMENT			Ì		i	ļ .
OF ATHEROSCLEROTIC PLAQUE	1		·		1	1 1
AND OTHER TISSUE	l				1	
ABNORMALITIES	ILT	07/672,822	3/21/1991	***********		United States
CATHETER FOR LASER TREATMENT			ļ		1	j '
OF ATHEROSCLEROTIC PLAQUE	}			*		
AND OTHER TISSUE	l		A 12 (1 2 2 2]	
	ILT	08/101,343	8/2/1993			United States
CATHETER FOR LASER TREATMENT		İ	,		Į	1
OF ATHEROSCLEROTIC PLAQUE	!	ļ			1	1 1
AND OTHER TISSUE	,,	00/040 070	F10.4/4.00.4		Į.	11-11-4 01-1
ABNORMALITIES	ILT	08/249,378	5/24/1994		 -:	United States
MEDICAL CATHETER USING		İ			i] .
ULTRASONIC MAPPING WITH	ILT	07/004 000	4/00/4000	Abandanad	4/4 0/0004	I India d Citiza
		07/824,023	1/22/1992	Abandoned	1012001	United States
RADIO FREQUENCY GUIDE WIRE					ŀ	
ASSEMBLY WITH OPTICAL						1
COHERENCE REFLECTOMETRY	l) +	10/01/ 01/	9/5/2004			Linked Clains
GUIDANCE	ILT	10/911,911	8/5/2004	<u> </u>	l	United States

PCT Applications

	rc	1 Applications			
Patent	Owner	Application Number	File Date	Publication Number	Country
MEDICAL CATHETER USING ULTRASOUND MAPPING WITH EXTERNAL TRANSDUCERS - PCT	ILT	PCT/US93/00314	1/14/1993	WO 93/14689	PCT
CATHETER USING OPTICAL FIBER TO TRANSMIT LASER AND ULTRASONIC ENERGY • PCT	ILT	PCT/US94/01987	2/22/1994	WO 95/2283	PCT
SYSTEMS AND METHODS FOR GUIDING A MEDICAL INSTRUMENT THROUGH BODY TISSUE	ILT_	PCT/US98/14499	7/8/1998	WO 99/02113	PCT
GUIDE WIRE ASSEMBLY - PCT	ILT	PCT/US99/06298	3/25/1999	WO 99/52434	PCT
	ILT	PCT/US99/17317	7/29/1999	WO 00/09196	PCT
SYSTEM AND METHOD FOR CONTROLLING TISSUE ABLATION - PCT	ILT	PCT/US00/00460	1/7/2000	WO 00/41611	PCT

Patont	Owner	Application Number	File Date	Publication Number	Country
SYSTEMS AND METHODS FOR GUIDING A MEDICAL INSTRUMENT THROUGH A			•		
BODY - PCT	ILT	PCT/US98/14120	7/8/1998	WO 99/02095	PCT
CATHETER HANDLE FOR CONTROLLING THE ADVANCEMENT OF A GUIDE WIRE - PCT	ILT	PCT/US01/04808	2/15/2001	WO 01/60433	РСТ
CATHETER FOR CONTROLLING THE ADVANCEMENT OF A GUIDE WIRE - PCT		PCT/US01/02847	1/29/2001	WO 01/54762	PCT
METHODS AND APPARATUS FOR GUIDING A WIRE - PCT	ILT	PCT/US01/09898	3/28/2001	WO 01/74249	PCT
RADIO FREQUENCY GUIDE WIRE ASSEMBLY WITH OPTICAL COHERENCE REFLECTOMETRY GUIDANCE - PCT	ILT	PCT/US03/12483	4/23/2003	WO 03/103520	PCT
DEFLECTING CATHETER -PCT	ILT	PCT/US03/34710	10/31/2003	WO 04/060434	PCT
SHAPEABLE INTRALUMINAL DEVICE AND METHOD THEREFOR - PCT	IL.T	PCT/US04/09740	3/31/2004	WO 04/091440	РСТ

Foreign Patent Applications and Registrations

Foreign Patent Applications and Registrations								
Patent	Owner	Application Number	File Date	Patent Number	<u>Grant</u> Date	Country		
CATHETER USING OPTICAL FIBER	- T. I. I.	7,11,11,11						
TO TRANSMIT LASER AND		1			1			
ULTRASONIC ENERGY - PCT	ILT	68131/94	2/22/1994	Abandoned		Australla		
SYSTEMS AND METHODS FOR		001011011						
GUIDING A MEDICAL INSTRUMENT]			
THROUGH A BODY - AUSTRALIA	ILT	84004/98	7/8/1998	733705	9/6/2001	Australia		
SYSTEMS AND METHODS FOR	, ,	2.00 1100						
STEERING A CATHETER THROUGH	l	1						
BODY TISSUE - Australia	lilt	82943/98	7/8/1998	742839	5/2/2002	Australia		
GUIDE WIRE ASSEMBLY - Australia	ILT	33610/99	3/25/1999	745714	7/11/2002	Australia		
EXPANDABLE LASER CATHETER -	 		0,100					
Australia	lilt	52456/99	7/29/1999	757,304	6/5/2003	Australla		
SYSTEM AND METHOD FOR								
CONTROLLING TISSUE ABLATION -	}]	•		
Australia	ILT	26044/00	1/7/2000	769,737	5/20/2004	Australia		
CATHETER FOR CONTROLLING THE					ļ			
ADVANCEMENT OF A GUIDEWIRE -	1		ļ	İ				
Australia	ILT	34628/01	1/29/2001	780,578	7/4/2005	Australia		
CATHETER HANDLE FOR					ļ			
CONTROLLING THE ADVANCEMENT	1		1]				
OF A GUIDEWIRE - Australia	ILT	35020/01	2/15/2001	2001-235020	2/10/2005	Australia		
METHODS AND APPARATUS FOR						l <u>.</u>		
ADVANCING A GUIDEWIRE - Australia	ILT	47840/01	3/28/2001	2001-247840	10/28/2005	Australia		
RADIO FREQUENCY GUIDE WIRE	}			j		Ì		
ASSEMBLY WITH OPTICAL				1	i			
COHERENCE REFLECTOMETRY				1	1			
GUIDANCE - Australia	ILT	2003-228650			 	Australia		
DEFLECTING CATHETER - Australia	ILT	2003-287390	10/31/2003		<u> </u>	Australia		
SHAPEABLE INTRALUMINAL DEVICE					1	l		
AND METHOD THEREFOR - Australia	ILT	2004-229353	3/31/2004	<u> </u>	<u> </u>	Australia		

	T	Application			Grant	
<u>Patent</u>	Owner	Number	<u>File Date</u>	Patent Number	Date	Country
SYSTEM AND METHOD FOR						
CONTROLLING TISSUE ABLATION -		l .				
Brazil	ILT	P10007419-5	1/7/2000			Brezil
METHODS AND APPARATUS FOR						
ADVANCING A GUIDEWIRE - Brazil	ILT	0109675	3/28/2001			Brazil
RADIO FREQUENCY GUIDE WIRE	1					
ASSEMBLY WITH OPTICAL	1	i			· ·	
COHERENCE REFLECTOMETRY	1	İ				
GUIDANCE - Brazil	ILT	P10311734-0	4/23/2003	, , , , , , , , , , , , , , , , , , ,		Brazil
SYSTEMS AND METHODS FOR	1	1				
STEERING A CATHETER THROUGH]	
BODY TISSUE - Canada	ILT	2299237	7/8/1998			Canada
SYSTEMS AND METHODS FOR						
GUIDING A MEDICAL INSTRUMENT		1				
THROUGH A BODY - Canada	ILT	2298590	7/8/1998			Canada
GUIDE WIRE ASSEMBLY - Cenada	ILT	2327479	3/25/1999			Canada
EXPANDABLE LASER CATHETER -	 	2021410	0/20/1000			
Canada	ILT	2340195	7/29/1999			Canada
SYSTEM AND METHOD FOR	157	2070100	172071000			
CONTROLLING TISSUE ABLATION -	1	1				
Canada	ILT	2355853	1/7/2000		j	Canada
CATHETER FOR CONTROLLING THE	 	200000	17772000			
ADVANCEMENT OF A GUIDEWIRE -	ł	ì				
Canada	ILT '	2398644	1/29/2001	Abandoned	!	Canada
CATHETER HANDLE FOR	 	2000011			······································	,
CONTROLLING THE ADVANCEMENT	1	<u>†</u> .	Į		ļ	ĺ
OF A GUIDEWIRE - Canada	ILT	2400195	2/15/2001		1	Canada
CATHETER HANDLE FOR		7.00,00				
CONTROLLING THE ADVANCEMENT	l		·			ļ
OF A GUIDEWIRE - Canada	ILT	2404232	3/28/2001		f	Canada
RADIO FREQUENCY GUIDE WIRE	1					
ASSEMBLY WITH OPTICAL	1				!	Ì
COHERENCE REFLECTOMETRY	ł]	,		1.	
GUIDANCE - Canada	ILT	2487020	4/23/2003	l	l	Canada
DEFLECTING CATHETER - Canada	ILT	2508732	6/3/2005			Canada
SHAPEABLE INTRALUMINAL DEVICE	16.	2000102	0/0/2,000			-
AND METHOD THEREFOR - Canada	ILT	2521550	3/31/2004		1	Canada
CATHETER USING OPTICAL FIBERS	 '-	1	0/0//2001		 	04.104
TO TRANSMIT LASER AND	İ		1		i	Ī
ULTRASONIC ENERGY - EUROPE	ILT	94916498.2	2/22/1994	0 746 233 B1	10/31/2001	Europe
SYSTEMS AND METHODS FOR	 '	01010100.2	222,100,1		1.414.1144.1	
STEERING A CATHETER THROUGH	1	}	1		ļ·	1
BODY TISSUE - EPO	ILT	98933253.1	7/8/1998	0999794	1	Europe
SYSTEMS AND METHODS FOR	1001	00000200.1	17071000			
GUIDING A MEDICAL INSTRUMENT	ł			ì		Ì
THROUGH A BODY - EPO	ILT	98934496.5	7/8/1998	0999812	3/29/2006	Europe
	ILT	99914988.3		1 071 370	1/4/2006	····
GUIDEWIRE ASSEMBLY - EPO EXPANDABLE LASER CATHETER -	11-1	998 14900,3	3/20/1989	1011310	117/2000	- aroha
	ILT	00037669 4	7/20/4000	1105184	1	Europe
EPO SYSTEM AND METHOD FOR	<u> </u>	99937668,4	112011009	1100104		Foroba
CONTROLLING TISSUE ABLATION -		1				
	ILT	904259.9	1/7/2000	1 146930		Europe
EPO	11.	1 904209.9	11112000	1 170000	L.,,	Laropa

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Page 6 of 9

	_	Application		<u> </u>	Grant	
Patent	Owner	Number	File Date	Patent Number	Date	Country
MEDICAL CATHETER USING]				1	,
ULTRASOUND MAPPING	ILT	93903477.3	1/14/1993	0 626 818	5/15/2002	Europe
CATHETER HANDLE FOR	ŀ					
CONTROLLING THE ADVANCEMENT	1					ļ
OF A GUIDEWIRE - EPO	ILT	01920827.1	3/28/2001	1267721	ļ	Europe
DEFLECTING CATHETER - EPC	ILT	03781624.6	10/31/2003	1 57 22 81		Europe
SHAPEABLE INTRALUMINAL DEVICE	1					<u> </u>
AND METHOD THEREFOR - EPO	ILT	4749531.2	3/31/2004	1610855	1	Europe
CATHETER USING OPTICAL FIBER		· · · · · · · · · · · · · · · · · · ·	<u> </u>			
TO TRANSMIT LASER AND]	Î				1
ULTRASONIC ENERGY - PCT	ILT	94916498.2	2/22/1994	0746233	1	France
GUIDEWIRE ASSEMBLY - France	ILT	99914988.3	3/25/1999	1071370	1/4/2008	France
CATHETER USING OPTICAL FIBER	 '=	0001100010	5/20/ /000	101.101.0	77 77 2000	1 141100
TO TRANSMIT LASER AND]	1994602891			}	İ
ULTRASONIC ENERGY - PCT	ILT	7	2/22/1994	Abandoned	Į.	Germany
GUIDEWIRE ASSEMBLY - Germany	ILT		3/25/1999		1/4/2006	
MEDICAL CATHETER USING	14.	99914988.3	3/25/1998	69929320	1/4/2000	Germany
ULTRASOUND MAPPING	ILT	69331929.1	1/14/1993	693 31 929	1/9/2003	Comenu
RADIO FREQUENCY GUIDE WIRE	L	0933 1929.1	1/14/1883	093 31 929	11912003	Germany
	1					}
ASSEMBLY WITH OPTICAL COHERENCE REFLECTOMETRY					1	
	ILT	10202704.2	1/09/2009		ł	0.000
GUIDANCE - Germany CATHETER USING OPTICAL FIBER	161	10392791.3	4/23/2003	· · · · · · · · · · · · · · · · · · ·	ļ	Germany
TO TRANSMIT LASER AND						
ULTRASONIC ENERGY - PCT	ILT	040464000	2/22/1994	0746233	Į.	Crack Deltain
***************************************	 	94916498.2			 	Great Britain
GUIDEWIRE ASSEMBLY - Great Britain	ILT	99914988,3	3/25/1999	1071370	1/4/2006	Great Britain
MEDICAL CATHETER USING	l				Ì	<u>.</u>
ULTRASQUND MAPPING	ILT	93903477,3	1/14/1993	0 626 818	5/15/2002	Great Britain
CATHETER FOR CONTROLLING THE						
ADVANCEMENT OF A GUIDEWIRE -						
Great Britain	ILT	2376635	1/29/2001	Abandoned		Great Britain
CATHETER HANDLE FOR					}	
CONTROLLING THE ADVANCEMENT				*****		
OF A GUIDEWIRE - Great Britain	ILT	0220886.6	2/15/2001	2376418	2/17/2004	Great Britain
RADIO FREQUENCY GUIDE WIRE						
ASSEMBLY WITH OPTICAL						
COHERENCE REFLECTOMETRY				A 4	10/0=/000=	
	ILT	425849.7	4/23/2003	2405797	10/25/2005	Great Britain
RADIO FREQUENCY GUIDE WIRE						
ASSEMBLY WITH OPTICAL		İ				
COHERENCE REFLECTOMETRY		0015170 0	410040000	0.444.070	0/7/0005	0 15 11
GUIDANCE - Great Britain	ILT	0515470.3	4/23/2003	2,414,679	3///2008	Great Britain
SYSTEMS AND METHODS FOR						i
STEERING A CATHETER THROUGH	,	004057015	4414010000	40000=		11 14
	ILT	00105794.7				Hong Kong
	ILT	01105078.3	7/19/2001	1034433	1/4/2006	Hong Kong
SYSTEMS AND METHODS SYSTEMS]					
FOR GUIDING A MEDICAL			ŀ			
INSTRUMENT THROUGH BODY						İ
TISSUE - Hong Kong	ILT	00105844.7	9/15/2000	1026600		Hong Kong

	<u> </u>	Application			Grant	
<u>Patent</u>	Owner	Number	File Date	Patent Number	Date	Country
CATHETER HANDLE FOR			<u> </u>			
CONTROLLING THE ADVANCEMENT	1	1	j i		i	Ī
OF A GUIDEWIRE - Hong Kong	ILT	03100194.1	1/8/2003	1048447	3/17/2004	Hong Kong
METHODS AND APPARATUS FOR						
GUIDING A GUIDE WIRE - Hong Kong	ILT	03103070.4	4/28/2003	1050830	<u> </u>	Hong Kong
SYSTEM AND METHOD FOR						
CONTROLLING TISSUE ABLATION -	l		1 .			ł
Hong Kong	ILT	02102564;0	4/6/2002	1040648		Hong Kong
CATHETER FOR CONTROLLING THE	ļ		}			}
ADVANCEMENT OF A GUIDEWIRE -	l				ĺ	}
Hong Kong	ILT	03102984.1	4/26/2003	1050861		Hong Kong
RADIO FREQUENCY GUIDE WIRE	1	ļ	ì			
ASSEMBLY WITH OPTICAL	ł	i	1 1			•
COHERENCE REFLECTOMETRY GUIDANCE - Hong Kong		05400004.0		40**		
	ILT	05103601.0		1070802		Hong Kong
DEFLECTING CATHETER - Hong Kong	ILT	05109566.0	10/27/2005	1075421		Hong Kong
GUIDEWIRE ASSEMBLY - ireland	ILT	99914988.3	3/25/1999	1071370	1/4/2006	Ireland
SYSTEM AND METHOD FOR						
CONTROLLING TISSUE ABLATION -				· ·		
Israel	ILT	0144183	1/7/2000	144,183	3/19/2006	Israel
CATHETER FOR CONTROLLING THE			[·	
ADVANCEMENT OF A GUIDEWIRE -						
Israel	ILT	150980	1/29/2001			Israel
CATHETER HANDLE FOR		·				
CONTROLLING THE ADVANCEMENT	ļ					
	IL,T	151256	2/15/2001		· · · · · · · · · · · · · · · · · · ·	Israel
METHODS AND APPARATUS FOR			l l			
ADVANCING A GUIDEWIRE - Israel	ILT	151864	3/28/2001	·		Israel
RADIO FREQUENCY GUIDE WIRE	Į i		1	·		l l
ASSEMBLY WITH OPTICAL			!!!			
COHERENCE REFLECTOMETRY	n		40000000			
GUIDANCE - Israel SHAPEABLE INTRALUMINAL DEVICE	ILT		4/23/2003			Israel
	ILT	174040	2/24/2004			
		171316	3/31/2004			Israel
GUIDEWIRE ASSEMBLY - Japan	ILT	2005-511294	4/16/2002	· · · · · · · · · · · · · · · · · · ·		Jepan
SYSTEM AND METHOD FOR			l			
CONTROLLING TISSUE ABLATION -	u	0000 000000				_
Japan METHODS AND APPARATUS FOR	ILT	2000-593228	1/7/2000	2002534199		Japan
		0004 574007	0/00/0004	0004 500040		
	ILT	2001-571997	3/28/2001	2004-500210		Japan
RADIO FREQUENCY GUIDE WIRE ASSEMBLY WITH OPTICAL						j
COHERENCE REFLECTOMETRY					ļ	
	ILT	2004-510645	בחתפופפות	2005-529653		lanas
						Japan
SYSTEM AND METHOD FOR	ILT	2004-564481	10/31/2003	2006-609597		Japan
CONTROLLING TISSUE ABLATION -						
	ILT	2001-	1/7/2000			
METHODS AND APPARATUS FOR	<u>'- ' </u>	0101426	1/7/2000			Korea
ADVANCING A GUIDEWIRE - South		2002-				i
	ILT	7012859	3/28/2001			Karaa
	-	1012000	312012001			Korea

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	Γ	Application	T		Grant	
<u>Patent</u>	Owner	Number	File Date	Patent Number	Date	Country
RADIO FREQUENCY GUIDE WIRE						,
ASSEMBLY WITH OPTICAL]		(Ì		
COHERENCE REFLECTOMETRY		10-2004-	1		ļ	İ
GUIDANCE - Korea	ILT	7019975	12/8/2004	10-2005-0016528		Korea
SYSTEMS AND METHODS FOR						
STEERING A CATHETER THROUGH	i	PCT/US98/1		•		ļ
BODY TISSUE - New Zealand	ILT	4120	7/8/1998	502707	6/9/2003	New Zealand
SYSTEMS AND METHODS FOR				· · · · · · · · · · · · · · · · · · ·		
GUIDING A MEDICAL INSTRUMENT	Į	PCT/US98/1				{
THROUGH A BODY - New Zealand	ILT	4499	7/8/1998	502706	6/9/2003	New Zealand
GUIDEWIRE ASSEMBLY - New		PCT/US99/0			,,,,,	
Zealand	ILT	6296	3/25/1999	507,188	2/3/2003	New Zealand
EXPANDABLE LASER CATHETER -		PCT/US99/1				
New Zealand	ILT	7317	7/29/1999	509,916	11/3/2003	New Zealand
CATHETER HANDLE FOR			100			
CONTROLLING THE ADVANCEMENT		PCT/US01/0	!			
OF A GUIDEWIRE - New Zealand	ILT	4808	2/15/2001	520,785	8/12/2004	New Zealand
METHODS AND APPARATUS FOR						
ADVANCING A GUIDEWIRE - New	1					
	ILT	521597	3/28/2001	521,597	12/8/2005	New Zealand
EXPANDABLE LASER CATHETER -	·	Divisional of	- "			
New Zealand	ILT	NZ509916	7/29/1999	524481	1/13/2005	New Zealand
CATHETER FOR CONTROLLING THE	,					
ADVANCEMENT OF A GUIDEWIRE -	1	PCT/US01/0				
New Zealand	ILT	2847	1/29/2001	520430 .	5/12/2005	New Zealand
SHAPEABLE INTRALUMINAL DEVICE					•	
AND METHOD THEREFOR - New		PCT/US04/0				
	ILT	9740	3/31/2004	542,802		New Zealand
RADIO FREQUENCY GUIDE WIRE						
ASSEMBLY WITH OPTICAL				İ		
COHERENCE REFLECTOMETRY		PCT/US03/1	•			
GUIDANCE - New Zealand	ILT	2483	4/23/2003	536,759		New Zealand
DEFLECTING CATHETER - New		PCT/US03/3				
Zealand	ILT	4710	10/31/2003	540,380		New Zealand
GUIDEWIRE ASSEMBLY - Spain	ILT	99914988.3	3/25/1999	1071370	1/4/2006	Spain
opuli	<u> </u>	00017000.0	0,40,1000	1011010	1712000	Ohaili

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