

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Valleylab Inc.	09/30/1998
RECEIVING PARTY DATA	
Name:	Sherwood Services AG
Street Address:	Schwertstrasse 9
City:	Schaffhausen
State/Country:	SWITZERLAND
Postal Code:	8200
PROPERTY NUMBERS Total: 2	
Property Type	Number
Patent Number:	RE40388
Patent Number:	6102497
CORRESPONDENCE DATA	
Fax Number:	(631)501-3526
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NAME OF SUBMITTER:	Pina M. Campagna
Total Attachments: 75 source=00061165#page1.tif source=00061165#page2.tif	

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PATENT
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TRADEMARK AND PATENT ASSIGNMENT

WHEREAS, ValleyLab, Inc. ("ValleyLab") a Colorado corporation having a place of business at 1675 Broadway, Denver, Colorado, 80202, is the owner of certain trademarks and service marks in various countries throughout the world, including but not limited to those identified in the attached Schedule A (the "Marks"), all registrations or registration applications of the Marks, and the goodwill represented by the Marks, and of certain patents and patent schedules identified in the attached Schedule A (the "Patents");

WHEREAS, Sherwood Services AG ("Sherwood"), a Swiss corporation having a place of business at Alpenstrasse 1, 6300 Zug, Switzerland, is desirous of acquiring the Marks and the Patents, all registrations and registration applications thereof, and the goodwill represented by the Marks and the Patents;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, ValleyLab hereby assigns to Sherwood, all right, title and interest in and to the Marks and the Patents, all registrations and registration applications thereof, and the goodwill represented by the Marks, together with the right to sue and to collect damages for past infringements of the Marks and the Patents.

IN WITNESS WHEREOF, ValleyLab has caused this assignment to be executed by its duly authorized officer on the date indicated below.

Dated as of October 1, 1998

VALLEYLAB, INC.

By:



Its:

Secretary

PATENT

REEL: 010577 FRAME: 0620

PATENT

REEL: 023731 FRAME: 0635

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2021	CONIV USA	617146	06/05/84	4516398	05/14/85	ISSUED
SURGICAL PRE-ASPIRATOR						
2021	CONIII USA	614691	05/25/84	4493694	01/15/85	ISSUED
SURGICAL PRE-ASPIRATOR						
2021	CONVII USA	191730	05/02/88	4921476	05/01/90	ISSUED
SURGICAL PRE-ASPIRATOR						
2022	USA	790983	10/24/85	4734964	04/05/88	ISSUED
APPARATUS AND METHOD FOR CLEANING AND REFURBISHING INTERCHANGEABLE ACOUSTIC MEMBERS						
2023	USA	847301	04/02/86	4827911	05/09/89	ISSUED
ULTRASONIC SURGICAL FRAGMENTATION AND REMOVAL OF TISSUE METHOD AND APPARATUS						
2023	CANAD	533538	04/02/87	1322226	09/14/93	ISSUED
ULTRASONIC SURGICAL FRAGMENTATION AND REMOVAL OF TISSUE METHOD AND APPARATUS						
2023	#EPO	87902987.4	04/02/87	0261230	11/10/93	ISSUED
ULTRASONIC SURGICAL FRAGMENTATION AND REMOVAL OF TISSUE METHOD AND APPARATUS						

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REEL: 010577 FRAME: 0621

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REEL: 023731 FRAME: 0636

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2023	FRANC	87902987.4	04/02/87	0261230	11/10/93	ISSUED
ULTRASONIC SURGICAL FRAGMENTATION AND REMOVAL OF TISSUE METHOD AND APPARATUS						
2023	UNIKN	87902987.4	04/02/87	0261230	11/10/93	ISSUED
ULTRASONIC SURGICAL FRAGMENTATION AND REMOVAL OF TISSUE METHOD AND APPARATUS						
2023	GERWE	87902987.4	04/02/87	P3788099.3	11/10/93	ISSUED
ULTRASONIC SURGICAL FRAGMENTATION AND REMOVAL OF TISSUE METHOD AND APPARATUS						
2023	ITALY	87902987.4	04/02/87	0261230	11/10/93	ISSUED
ULTRASONIC SURGICAL FRAGMENTATION AND REMOVAL OF TISSUE METHOD AND APPARATUS						
2023	HOLLN	87902987.4	04/02/87	0261230	11/10/93	ISSUED
ULTRASONIC SURGICAL FRAGMENTATION AND REMOVAL OF TISSUE METHOD AND APPARATUS						
2023	JAPAN	502478/87	04/02/87	2135804	04/10/98	ISSUED
ULTRASONIC SURGICAL FRAGMENTATION AND REMOVAL OF TISSUE METHOD AND APPARATUS						
2024	USA	849830	04/09/86	4747820	05/31/88	ISSUED
IRRIGATION/ASPIRATION MANIFOLD AND FITTINGS FOR ULTRASONIC SURGICAL ASPIRATION SYSTEM						

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REEL: 010577 FRAME: 0622

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REEL: 023731 FRAME: 0637

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2024	CANAD	534131	04/08/87	1310704	11/24/92	ISSUED
IRRIGATION/ASPIRATION MANIFOLD AND FITTINGS FOR ULTRASONIC SURGICAL ASPIRATION SYSTEM						
2024	#EPO	87903073.2	04/08/87	0277959	10/06/93	ISSUED
IRRIGATION/ASPIRATION MANIFOLD AND FITTINGS FOR ULTRASONIC SURGICAL ASPIRATION SYSTEM						
2024	FRANC	87903073.2	04/08/87	0277959	10/06/93	ISSUED
IRRIGATION/ASPIRATION MANIFOLD AND FITTINGS FOR ULTRASONIC SURGICAL ASPIRATION SYSTEM						
2024	UNIKN	87903073.2	04/08/87	0277959	10/06/93	ISSUED
IRRIGATION/ASPIRATION MANIFOLD AND FITTINGS FOR ULTRASONIC SURGICAL ASPIRATION SYSTEM						
2024	GERWE	87903073.2	04/08/87	P3787720.8	10/06/93	ISSUED
IRRIGATION/ASPIRATION MANIFOLD AND FITTINGS FOR ULTRASONIC SURGICAL ASPIRATION SYSTEM						
2024	ITALY	87903073.2	04/08/87	0277959	10/06/93	ISSUED
IRRIGATION/ASPIRATION MANIFOLD AND FITTINGS FOR ULTRASONIC SURGICAL ASPIRATION SYSTEM						
2024	HOLLN	87903073.2	04/08/87	0277959	10/06/93	ISSUED
IRRIGATION/ASPIRATION MANIFOLD AND FITTINGS FOR ULTRASONIC SURGICAL ASPIRATION SYSTEM						

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REEL: 023731 FRAME: 0638

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2024	JAPAN	502409/87	04/08/87	2135892	04/17/98	ISSUED
IRRIGATION/ASPIRATION MANIFOLD AND FITTINGS FOR ULTRASONIC SURGICAL ASPIRATION SYSTEM						
2024 DIV	USA	198836	05/26/88	4881761	11/21/89	ISSUED
IRRIGATION/ASPIRATION MANIFOLD AND FITTINGS FOR ULTRASONIC SURGICAL ASPIRATION SYSTEM						
2024 DIVII	USA	198835	05/26/88	4846790	07/11/89	ISSUED
IRRIGATION/ASPIRATION MANIFOLD AND FITTINGS FOR ULTRASONIC SURGICAL ASPIRATION SYSTEM						
2024DIVIII	USA	199141	05/26/88	4988334	01/29/91	ISSUED
IRRIGATION/ASPIRATION MANIFOLD AND FITTINGS FOR ULTRASONIC SURGICAL ASPIRATION SYSTEM						
2025	USA	849893	04/09/86	4768496	09/06/88	ISSUED
HANDPIECE INTERLOCK AND LOGIC CONTROL FOR ULTRASONIC SURGICAL SYSTEM SMART CONNECTOR						
2026	USA	808573	12/13/85	4634419	01/06/87	ISSUED
ANGULATED ULTRASONIC SURGICAL HANDPIECES AND METHOD THERFOR						
2026	CANAD	524050	11/28/86	1258021	08/01/89	ISSUED
ANGULATED ULTRASONIC SURGICAL HANDPIECES AND METHOD THERFOR						

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REEL: 010577 FRAME: 0624

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REEL: 023731 FRAME: 0639

REP #66

Cases By Filing Date

Division: VL

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2026	#EPO	86907211.6	11/24/86	0248844	01/07/93	ISSUED
ANGULATED ULTRASONIC SURGICAL HANDPIECES AND METHOD THERFOR						
2026	FRANC	86907211.6	11/24/86	0248844	01/07/93	ISSUED
ANGULATED ULTRASONIC SURGICAL HANDPIECES AND METHOD THERFOR						
2026	UNIKN	86907211.6	11/24/86	0248844	01/07/93	ISSUED
ANGULATED ULTRASONIC SURGICAL HANDPIECES AND METHOD THERFOR						
2026	GERWE	86907211.6	11/24/86	P3687459.0	01/07/93	ISSUED
ANGULATED ULTRASONIC SURGICAL HANDPIECES AND METHOD THERFOR						
2026	ITALY	86907211.6	11/24/86	0248844	01/07/93	ISSUED
ANGULATED ULTRASONIC SURGICAL HANDPIECES AND METHOD THERFOR						
2026	HOLLN	86907211.6	11/24/86	0248844	01/07/93	ISSUED
ANGULATED ULTRASONIC SURGICAL HANDPIECES AND METHOD THERFOR						
2026	JAPAN	61-506337	11/24/86	1909836	03/09/95	ISSUED

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REEL: 010577 FRAME: 0625

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REEL: 023731 FRAME: 0640

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
ANGULATED ULTRASONIC SURGICAL HANDPIECES AND METHOD THERFOR						
2027 CIP	USA	898569	04/21/78	4425115	01/10/84	ISSUED
ULTRASONIC ASPIRATOR						
2027 CIP	CANAD	325499	04/12/79	1166676	05/01/84	ISSUED
ULTRASONIC ASPIRATOR						
2027 CIP	JAPAN	48561/79	04/21/79	1285850	03/30/94	ISSUED
ULTRASONIC ASPIRATOR						
2028	CANAD	286173	09/07/77	1113361	12/01/81	ISSUED
ULTRASONIC METHOD/APPARATUS FOR MANUFACTURING BRASSIERE TAPES						
2028 DIV	USA	1083	01/05/79	4256529	03/17/81	ISSUED
ULTRASONIC METHOD/APPARATUS FOR MANUFACTURING BRASSIERE TAPES						
2029	USA	113983	01/21/80	4281987	08/04/81	ISSUED
ULTRASONICALLY DRIVEN LOW-SPEED MOTOR						
2030.	USA	113984	01/21/80	4490114	12/25/84	ISSUED

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REEL: 010577 FRAME: 0626

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REEL: 023731 FRAME: 0641

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
ULTRASONICALLY DRIVEN LOW-SPEED ROTARY MOTOR						
2031	USA	434567	10/15/82	4526571	07/02/85	ISSUED
CURVED ULTRASONIC SURGICAL ASPIRATOR						
2032	USA	287748	12/20/88	4986808	01/20/91	ISSUED
MAGNETOSTRICTIVE TRANSDUCER						
2032	AUSAL	47018/89	12/19/89	610030	09/19/91	ISSUED
MAGNETOSTRICTIVE TRANSDUCER						
2032	CANAD	2005878	12/18/89	2005878	08/17/93	ISSUED
MAGNETOSTRICTIVE TRANSDUCER						
2032	#EPO	8931369.8	12/15/89	0375302	11/02/94	ISSUED
MAGNETOSTRICTIVE TRANSDUCER						
2032	FRANC	8931369.8	12/15/89	0375302	11/02/94	ISSUED
MAGNETOSTRICTIVE TRANSDUCER						

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2032	UNIKN	8931369.8	12/15/89	0375302	11/02/94	ISSUED
MAGNETOSTRICTIVE TRANSDUCER						
2032	GERWE	8931369.8	12/15/89	68919197.9	11/02/94	ISSUED
MAGNETOSTRICTIVE TRANSDUCER						
2032	ITALY	8931369.8	12/15/89	0375302	11/02/94	ISSUED
MAGNETOSTRICTIVE TRANSDUCER						
2032	JAPAN	329366/89	12/19/89	1907012	02/24/95	ISSUED
MAGNETOSTRICTIVE TRANSDUCER						
2032	SPAIN	8931369.8	12/15/89	0375302	11/02/94	ISSUED
MAGNETOSTRICTIVE TRANSDUCER						
2033	USA	287749	12/20/88	4978333	12/18/90	ISSUED
IMPROVED RESONATOR FOR SURGICAL HANDPIECE						
2033	AUSAL	47017/89	12/19/89	609652	09/19/91	ISSUED
IMPROVED RESONATOR FOR SURGICAL HANDPIECE						

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REEL: 010577 FRAME: 0628

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REEL: 023731 FRAME: 0643

REP #66

Cases By Filing Date

Division: VL

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2033	CANAD	2005877	12/18/89	2005877	09/07/93	ISSUED
IMPROVED RESONATOR FOR SURGICAL HANDPIECE						
2033	#EPO	89313168.0	12/15/89	0376562	11/02/94	ISSUED
IMPROVED RESONATOR FOR SURGICAL HANDPIECE						
2033	FRANC	89313168.0	12/15/89	0376562	11/02/94	ISSUED
IMPROVED RESONATOR FOR SURGICAL HANDPIECE						
2033	UNIKN	89313168.0	12/15/89	0376562	11/02/94	ISSUED
IMPROVED RESONATOR FOR SURGICAL HANDPIECE						
2033	GERWE	89313168.0	12/15/89	68919201.0	11/02/94	ISSUED
IMPROVED RESONATOR FOR SURGICAL HANDPIECE						
2033	ITALY	89313168.0	12/15/89	0376562	11/02/94	ISSUED
IMPROVED RESONATOR FOR SURGICAL HANDPIECE						
2033	JAPAN	330969/89	12/20/89	1848643	06/07/94	ISSUED
IMPROVED RESONATOR FOR SURGICAL HANDPIECE						

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REEL: 010577 FRAME: 0629

PATENT

REEL: 023731 FRAME: 0644

REP #66

Cases By Filing Date

Division: VL

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2033	HOLLN	89313168.0	12/15/89	0376562	11/02/94	ISSUED
IMPROVED RESONATOR FOR SURGICAL HANDPIECE						
2033	SPAIN	89313168.0	12/15/89	0376562	11/02/94	ISSUED
IMPROVED RESONATOR FOR SURGICAL HANDPIECE						
2034 CIP	USA	865240	05/19/86	4750902	06/14/88	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR						
2034 CIP	CANAD	516279	08/19/86	1304639	07/07/92	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR						
2034 CIP	#EPO	86905555.8	08/27/86	0233940	11/18/93	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR						
2034 CIP	FRANC	86905555.8	08/27/86	0233940	11/18/93	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR						
2034 CIP	UNIKN	86905555.8	08/27/86	0233940	11/18/93	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR						

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REEL: 010577 FRAME: 0630

PATENT

REEL: 023731 FRAME: 0645

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2034 CIP	ITALY	86905555.8	08/27/86	0233940	11/18/93	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR						
2034 CIP	HOLLN	86905555.8	08/27/86	0233940	11/18/93	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR						
2034 CIP	GERWE	86905555.8	08/27/86	P3689308.0	11/18/93	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR						
2034 CIP	JAPAN	504753/86	08/27/86	2066568	07/10/96	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR						
2034 CON	JAPAN	77166/90	03/28/90	2613661	02/27/97	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR						
2034 CON	USA	07/866953	04/09/92	5334183	08/02/94	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR						
2034 DIV	CANAD	616191	09/27/91	1318000	05/18/93	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR VIBRATION APPARATUS						

PATENT

REEL: 010577 FRAME: 0631

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REEL: 023731 FRAME: 0646

REP #66

Cases By Filing Date

Division: VL

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2034 DIV	USA	020266	02/27/87	4750488	06/14/88	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATOR VIBRATION APPARATUS						
2034 DIVII	USA	133711	12/16/87	4922902	05/08/90	ISSUED
ENDOSCOPIC ULTRASONIC ASPIRATION SURGICAL METHODS						
2035	USA	421209	10/13/89	4949601	08/21/90	ISSUED
APPARATUS FOR ASSEMBLING THREADED MEMBERS						
2036	USA	494249	03/15/90	5088997	02/18/92	ISSUED
GAS COAGULATION DEVICE						
2036	AUSAL	73563/91	03/14/91	624554	11/26/92	ISSUED
GAS COAGULATION DEVICE						
2036	CANAD	2038192	03/13/91	2038192	04/18/95	ISSUED
GAS COAGULATION DEVICE						
2036	#EPO	91301892.5	03/07/91	0447121	07/09/97	ISSUED

PATENT

REEL: 010577 FRAME: 0632

PATENT

REEL: 023731 FRAME: 0647

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
GAS COAGULATION DEVICE						
2036	FRANC	91301892.5	03/07/91	0447121	07/09/97	ISSUED
GAS COAGULATION DEVICE						
2036	UNIKN	91301892.5	03/07/91	0447121	07/09/97	ISSUED
GAS COAGULATION DEVICE						
2036	GERWE	91301892.5	03/07/91	69126721.9	07/09/97	ISSUED
GAS COAGULATION DEVICE						
2036	ITALY	91301892.5	03/07/91	0447121	07/09/97	ISSUED
GAS COAGULATION DEVICE						
2036	JAPAN	51737/91	03/15/91	2506509	04/02/96	ISSUED
GAS COAGULATION DEVICE						
2036	HOLLN	91301892.5	03/07/91	0447121	07/09/97	ISSUED
GAS COAGULATION DEVICE						
2036	SPAIN	91301892.5	03/07/91	2103774	07/09/97	ISSUED

PATENT

REEL: 010577 FRAME: 0633

PATENT

REEL: 023731 FRAME: 0648

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
GAS COAGULATION DEVICE						
2036 CON	USA	827242	01/29/92	5217457	06/08/93	ISSUED
GAS COAGULATION DEVICE						
2036 DIV	AUSAL	13021/92	03/19/92	647895	08/19/94	ISSUED
GAS COAGULATION DEVICE						
2036 DIV	CANAD	2128997	07/27/94	2128997	05/30/95	ISSUED
GAS COAGULATION DEVICE						
2036 DIV	JAPAN	153507/95	07/06/95	2642086	05/02/97	ISSUED
GAS COAGULATION DEVICE						
2036 DIV	USA	723090	06/28/91	5244462	09/14/93	ISSUED
GAS COAGULATION DEVICE						
2036 DIVII	CANAD	2128996	07/27/94	2128996	05/30/95	ISSUED
GAS COAGULATION DEVICE						

PATENT

REEL: 010577 FRAME: 0634

PATENT

REEL: 023731 FRAME: 0649

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2036 UM	GERWE	G9103185.0	03/15/91	G9103185.0	08/29/91	ISSUED
GAS COAGULATION DEVICE						
2037	JAPAN	511437/92	05/04/92	2506542	04/02/96	ISSUED
IMPROVED ELECTROSURGICAL AND ULTRASONIC SURGICAL SYSTEM						
2037	USA	711484	06/06/91	5190517	03/02/93	ISSUED
IMPROVED ELECTROSURGICAL AND ULTRASONIC SURGICAL SYSTEM						
2037	AUSAL	19147/92	05/04/92	660467	11/07/95	ISSUED
IMPROVED ELECTROSURGICAL AND ULTRASONIC SURGICAL SYSTEM						
2037	CANAD	2110684	05/04/92	2110684	04/28/98	ISSUED
IMPROVED ELECTROSURGICAL AND ULTRASONIC SURGICAL SYSTEM						
2037	#EPO	92911387.6	05/04/92			ISSUED
IMPROVED ELECTROSURGICAL AND ULTRASONIC SURGICAL SYSTEM						
2037	FRANC	92911387.6	05/04/92			ISSUED
IMPROVED ELECTROSURGICAL AND ULTRASONIC SURGICAL SYSTEM						

PATENT

REEL: 010577 FRAME: 0635

PATENT

REEL: 023731 FRAME: 0650

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2037	GERWE	92911387.6	05/04/92			ISSUED
						IMPROVED ELECTROSURGICAL AND ULTRASONIC SURGICAL SYSTEM
2037	ITALY	92911387.6	05/04/92			ISSUED
						IMPROVED ELECTROSURGICAL AND ULTRASONIC SURGICAL SYSTEM
2037	SPAIN	92911387.6	05/04/92			ISSUED
						IMPROVED ELECTROSURGICAL AND ULTRASONIC SURGICAL SYSTEM
2037	UNIKN	92911387.6	05/04/92			ISSUED
						IMPROVED ELECTROSURGICAL AND ULTRASONIC SURGICAL SYSTEM
2037 UM	GERWE	G9290062.3	05/04/92	G9290062.3	01/27/94	ISSUED
						IMPROVED ELECTROSURGICAL AND ULTRASONIC SURGICAL SYSTEM
2038	AUSAL	30576/92	11/06/92	663543	02/20/96	ABANDONED
						ULTRASONIC SURGICAL APPARATUS
2038	CANAD	2128090	11/06/92			ABANDONED
						ULTRASONIC SURGICAL APPARATUS

PATENT

REEL: 010577 FRAME: 0636

PATENT

REEL: 023731 FRAME: 0651

REP #66

Cases By Filing Date

Division: VL

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2038	#EPO	92924159.4	11/06/92	0625077	07/09/97	ISSUED
		ULTRASONIC SURGICAL APPARATUS				
2038	FRANC	92924159.4	11/06/92	0625077	07/09/97	ISSUED
		ULTRASONIC SURGICAL APPARATUS				
2038	UNIKN	92924159.4	11/06/92	0625077	07/09/97	ISSUED
		ULTRASONIC SURGICAL APPARATUS				
2038	GERWE	92924159.4	11/06/92	69220814.3	07/09/97	ISSUED
		ULTRASONIC SURGICAL APPARATUS				
2038	SPAIN	92924159.4	11/06/92	2104953	07/09/97	ISSUED
		ULTRASONIC SURGICAL APPARATUS				
2038	ITALY	92924159.4	11/06/92	0625077	07/09/97	ISSUED
		ULTRASONIC SURGICAL APPARATUS				
2038	HOLLN	92924159.4	11/06/92	0625077	07/09/97	ISSUED
		ULTRASONIC SURGICAL APPARATUS				

PATENT

REEL: 010577 FRAME: 0637

PATENT

REEL: 023731 FRAME: 0652

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2038	JAPAN	514027/93	11/06/92	2506563	04/02/96	ISSUED
ULTRASONIC SURGICAL APPARATUS						
2038	USA	07/832834	02/07/92			PENDING
ULTRASONIC SURGICAL APPARATUS						
2038	USA	08/116261	08/09/93			PENDING
ULTRASONIC SURGICAL APPARATUS						
2038 DIV	AUSAL	28497/95	08/11/95			ABANDONED
ULTRASONIC SURGICAL APPARATUS						
2038 DIV	#EPO	96100475.1	11/06/92			ABANDONED
ULTRASONIC SURGICAL APPARATUS						
2038 DIV	JAPAN	230459/95	09/07/95			ABANDONED
ULTRASONIC SURGICAL APPARATUS						
2038 DIVII	AUSAL	56281/98	02/24/98			PENDING
ULTRASONIC SURGICAL APPARATUS						

PATENT

REEL: 010577 FRAME: 0638

PATENT

REEL: 023731 FRAME: 0653

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2038 UM	GERWE	G9290173.5	11/06/92	G9290173.5	10/27/94	ISSUED
ULTRASONIC SURGICAL APPARATUS						
2039	#EPO	92923190.0	10/27/92			ABANDONED
ELECTROSURGICAL CONTROL FOR A TROCAR						
2039	JAPAN	512411/93	10/27/92	2547520	08/08/96	ISSUED
ELECTROSURGICAL CONTROL FOR A TROCAR						
2039	USA	07/823093	01/21/92			ABANDONED
ELECTROSURGICAL CONTROL FOR A TROCAR						
2039 CON	USA	08/113368	08/30/93	5423809	06/13/95	ISSUED
ELECTROSURGICAL CONTROL FOR A TROCAR						
2039 UM	GERWE	G9290164.6	10/27/92	G9290164.6	09/15/94	ISSUED
ELECTROSURGICAL CONTROL FOR A TROCAR						
2040	USA	08/216901	03/23/94	5472442	12/05/95	ISSUED

PATENT

REEL: 010577 FRAME: 0639

PATENT

REEL: 023731 FRAME: 0654

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
MOVEABLE SWITCHABLE ELECTROSURGICAL HANDPIECE						
2040	JAPAN	524510/95	01/23/95			PENDING
MOVEABLE SWITCHABLE ELECTROSURGICAL HANDPIECE						
2040 UM	GERWE	29580473.4	09/30/96	29580473.4	12/30/96	ISSUED
MOVEABLE SWITCHABLE ELECTROSURGICAL HANDPIECE						
2041	USA	08/968496	11/12/97			PENDING
SAFETY ACCESSORY FOR ELECTROSURGICAL PENCIL						
2042	USA	08/097737	07/27/93	5372596	12/13/94	ISSUED
APPARATUS FOR LEAKAGE CONTROL AND METHOD FOR ITS USE						
2042	AUSAL	64362/94	04/26/94	678228	09/11/97	ISSUED
APPARATUS FOR LEAKAGE CONTROL AND METHOD FOR ITS USE						
2042	CANAD	2165186	04/26/94			PENDING
APPARATUS FOR LEAKAGE CONTROL AND METHOD FOR ITS USE						
2042	#EPO	94912050.5	04/26/94	0710090	08/13/97	ISSUED

PATENT

REEL: 010577 FRAME: 0640

PATENT

REEL: 023731 FRAME: 0655

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
APPARATUS FOR LEAKAGE CONTROL AND METHOD FOR ITS USE						
2042	FRANC	94912050.5	04/26/94	0710090	08/13/97	ISSUED
APPARATUS FOR LEAKAGE CONTROL AND METHOD FOR ITS USE						
2042	UNIKN	94912050.5	04/26/94	0710090	08/13/97	ISSUED
APPARATUS FOR LEAKAGE CONTROL AND METHOD FOR ITS USE						
2042	GERWE	94912050.5	04/26/94	69404999.9	08/13/97	ISSUED
APPARATUS FOR LEAKAGE CONTROL AND METHOD FOR ITS USE						
2042	ITALY	94912050.5	04/26/94	0710090	08/13/97	ISSUED
APPARATUS FOR LEAKAGE CONTROL AND METHOD FOR ITS USE						
2042	JAPAN	520370/94	04/26/94	2671965	07/11/97	ISSUED
APPARATUS FOR LEAKAGE CONTROL AND METHOD FOR ITS USE						
2042 UM	GERWE	G9490451.0	04/26/94	G9490451.0	06/20/96	ISSUED
APPARATUS FOR LEAKAGE CONTROL AND METHOD FOR ITS USE						

PATENT

REEL: 010577 FRAME: 0641

PATENT

REEL: 023731 FRAME: 0656

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2043	USA	07/860816	03/31/92	5281216	01/25/94	ISSUED
ELECTROSURGICAL BIPOLAR CUTTING APPARATUS						
2043	AUSAL	34306/93	01/11/93	670258	10/29/96	ISSUED
ELECTROSURGICAL BIPOLAR CUTTING APPARATUS						
2043	CANAD	2130554	01/11/93			ISSUED
ELECTROSURGICAL BIPOLAR CUTTING APPARATUS						
2043	#EPO	93902903.9	01/11/93	0633749	08/20/97	ISSUED
ELECTROSURGICAL BIPOLAR CUTTING APPARATUS						
2043	FRANC	93902903.9	01/11/93	0633749	08/20/97	ISSUED
ELECTROSURGICAL BIPOLAR CUTTING APPARATUS						
2043	UNIKN	93902903.9	01/11/93	0633749	08/20/97	ISSUED
ELECTROSURGICAL BIPOLAR CUTTING APPARATUS						
2043	GERWE	93902903.9	01/11/93	69313269.8	08/20/97	ISSUED
ELECTROSURGICAL BIPOLAR CUTTING APPARATUS						

PATENT

REEL: 010577 FRAME: 0642

PATENT

REEL: 023731 FRAME: 0657

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2043	ITALY	93902903.9	01/11/93	0633749	08/20/97	ISSUED
ELECTROSURGICAL BIPOLAR CUTTING APPARATUS						
2043	JAPAN	517414/93	01/11/93	2648239	05/09/97	ISSUED
ELECTROSURGICAL BIPOLAR CUTTING APPARATUS						
2043 CON	USA	08/146867	11/02/93			ABANDONED
ELECTROSURGICAL BIPOLAR CUTTING APPARATUS						
2043 UM	GERWE	G9390075.9	01/11/93	G9390075.9	11/03/94	ISSUED
ELECTROSURGICAL BIPOLAR CUTTING APPARATUS						
2044	USA	08/114569	08/31/93	5447417	09/05/95	ISSUED
A SELF-ADJUSTING PUMP HEAD AND SAFETY MANIFOLD CARTRIDGE FOR A PERISTALTIC PUMP						
2044	AUSAL	71944/94	08/03/94			PENDING
A SELF-ADJUSTING PUMP HEAD AND SAFETY MANIFOLD CARTRIDGE FOR A PERISTALTIC PUMP						
2044	CANAD	2167592	08/03/94			ABANDONED
A SELF-ADJUSTING PUMP HEAD AND SAFETY MANIFOLD CARTRIDGE FOR A PERISTALTIC PUMP						

PATENT

REEL: 010577 FRAME: 0643

PATENT

REEL: 023731 FRAME: 0658

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2044	#EPO	94921078.5	08/03/94	0716724		ABANDONED
A SELF-ADJUSTING PUMP HEAD AND SAFETY MANIFOLD CARTRIDGE FOR A PERISTALTIC PUMP						
2044	JAPAN	503385/95	08/03/94			ABANDONED
A SELF-ADJUSTING PUMP HEAD AND SAFETY MANIFOLD CARTRIDGE FOR A PERISTALTIC PUMP						
2044 DIV	AUSAL	78855/98	08/07/98			ABANDONED
A SELF-ADJUSTING PUMP HEAD AND SAFETY MANIFOLD CARTRIDGE FOR A PERISTALTIC PUMP						
2044 UM	GERWE	G9490459.6	08/03/94	G9490459.6	05/23/96	ISSUED
A SELF-ADJUSTING PUMP HEAD AND SAFETY MANIFOLD CARTRIDGE FOR A PERISTALTIC PUMP						
2045	USA	08/044430	04/07/93	5312329	05/17/94	ISSUED
A PIEZO ULTRASONIC AND ELECTROSURGICAL HANDPIECE						
2045	AUSAL	60301/94	01/28/94	672284	01/14/97	ABANDONED
A PIEZO ULTRASONIC AND ELECTROSURGICAL HANDPIECE						
2045	CANAD	2158758	01/28/94			ABANDONED
A PIEZO ULTRASONIC AND ELECTROSURGICAL HANDPIECE						

PATENT

REEL: 010577 FRAME: 0644

PATENT

REEL: 023731 FRAME: 0659

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2045	#EPO	94906664.1	01/28/94	0692950		ABANDONED
A PIEZO ULTRASONIC AND ELECTROSURGICAL HANDPIECE						
2045	JAPAN	522037/94	01/28/94	2608692	01/29/98	ABANDONED
A PIEZO ULTRASONIC AND ELECTROSURGICAL HANDPIECE						
2046	USA	08/047907	04/19/93	5370645	12/06/94	ISSUED
ELECTROSURGICAL PROCESSOR AND METHOD OF USE						
2046	AUSAL	62893/94	04/06/94	684756	05/07/98	ISSUED
ELECTROSURGICAL PROCESSOR AND METHOD OF USE						
2046	CANAD	2160017	04/06/94			ALLOWED
ELECTROSURGICAL PROCESSOR AND METHOD OF USE						
2046	#EPO	94910498.8	04/06/94			ISSUED
ELECTROSURGICAL PROCESSOR AND METHOD OF USE						
2046	JAPAN	522952/94	04/06/94	2671966	07/11/97	ISSUED
ELECTROSURGICAL PROCESSOR AND METHOD OF USE						

PATENT

REEL: 010577 FRAME: 0645

PATENT

REEL: 023731 FRAME: 0660

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2046	FRANC	94910498.8	04/06/94			ISSUED
ELECTROSURGICAL PROCESSOR AND METHOD OF USE						
2046	GERWE	94910498.8	04/06/94			ISSUED
ELECTROSURGICAL PROCESSOR AND METHOD OF USE						
2046	ITALY	94910498.8	04/06/94			ISSUED
ELECTROSURGICAL PROCESSOR AND METHOD OF USE						
2046	UNIKN	94910498.8	04/06/94			ISSUED
ELECTROSURGICAL PROCESSOR AND METHOD OF USE						
2047	AUSAL	48588/93	09/17/93	672227	01/14/97	ISSUED
ULTRASONIC SURGICAL HANDPIECE AND AN ENERGY INITIATOR						
2047	CANAD	2150487	09/17/93			PENDING
ULTRASONIC SURGICAL HANDPIECE AND AN ENERGY INITIATOR						
2047	#EPO	93921528.1	09/17/93	0768840		PENDING

PATENT

REEL: 010577 FRAME: 0646

PATENT

REEL: 023731 FRAME: 0661

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
ULTRASONIC SURGICAL HANDPIECE AND AN ENERGY INITIATOR						
2047	JAPAN	513106/94	09/17/93	2554851	08/22/96	ISSUED
ULTRASONIC SURGICAL HANDPIECE AND AN ENERGY INITIATOR						
2047	USA	07/982936	11/30/92			ABANDONED
ULTRASONIC SURGICAL HANDPIECE AND AN ENERGY INITIATOR						
2047 CON	USA	08/242516	05/13/94	5421829	06/06/95	ISSUED
ULTRASONIC SURGICAL HANDPIECE AND AN ENERGY INITIATOR						
...						
2047 DIV	AUSAL	60788/96	07/29/96	691118	08/20/98	ISSUED
ULTRASONIC SURGICAL HANDPIECE AND AN ENERGY INITIATOR						
2047 UM	GERWE	G9321021.3	09/17/93	G9321021.3	09/07/95	ISSUED
ULTRASONIC SURGICAL HANDPIECE AND AN ENERGY INITIATOR						
2048	USA	906591	06/30/92	5221281	06/22/93	ISSUED
AN ELECTROSURGICAL TUBULAR TROCAR						
2048	CANAD	2137004	02/18/93			ALLOWED

PATENT

REEL: 010577 FRAME: 0647

PATENT

REEL: 023731 FRAME: 0662

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status

AN ELECTROSURGICAL TUBULAR TROCAR						
2048	#EPO	93905958.0	02/18/93	0649290	03/25/98	ISSUED
AN ELECTROSURGICAL TUBULAR TROCAR						
2048	JAPAN	502313/94	02/18/93	2554849	08/22/96	ISSUED
AN ELECTROSURGICAL TUBULAR TROCAR						
2048	FRANC	93905958.0	02/18/93	0649290	03/25/98	ISSUED
AN ELECTROSURGICAL TUBULAR TROCAR						
2048	GERWE	93905958.0	02/18/93	0649290	03/25/98	ISSUED
AN ELECTROSURGICAL TUBULAR TROCAR						
2048	UNIKN	93905958.0	02/18/93	0649290	03/25/98	ISSUED
AN ELECTROSURGICAL TUBULAR TROCAR						
2048	ITALY	93905958.0	02/18/93	0649290	03/25/98	ISSUED
AN ELECTROSURGICAL TUBULAR TROCAR						

PATENT

REEL: 010577 FRAME: 0648

PATENT

REEL: 023731 FRAME: 0663

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2048 UM	GERWE	G9390139.9	02/18/93	G9390139.9	02/18/93	ISSUED

AN ELECTROSURGICAL TUBULAR TROCAR

2050 CON	USA	08/278976	07/21/94	5474057	12/12/95	ISSUED
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A LAPAROSCOPIC DISSECTION TENSION RETRACTOR DEVICE AND METHOD

2050 CONII	USA	08/570921	12/12/95	5683349	11/04/97	ISSUED
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A LAPAROSCOPIC DISSECTION TENSION RETRACTOR DEVICE AND METHOD

2051	AUSAL	78217/94	10/26/94	688384	07/02/98	ISSUED
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BIPOLAR ULTRASONIC SURGERY

2051	CANAD	2176754	10/26/94			ABANDONED
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BIPOLAR ULTRASONIC SURGERY

2051	#EPO	94929000.1	10/26/94			ABANDONED
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BIPOLAR ULTRASONIC SURGERY

2051	JAPAN	517866/95	10/26/94			PENDING
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BIPOLAR ULTRASONIC SURGERY

PATENT

REEL: 010577 FRAME: 0649

PATENT

REEL: 023731 FRAME: 0664

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2051	USA	08/175827	12/30/93			ABANDONED
BIPOLAR ULTRASONIC SURGERY						
2051	GER	08/489174	06/09/95			PENDING
BIPOLAR ULTRASONIC SURGERY						
2051 UM	GERWE	G9490469.3	10/26/94	G9490469.3	08/29/96	ISSUED
BIPOLAR ULTRASONIC SURGERY						
2052	USA	08/158069	11/24/93	5449355	09/12/95	ISSUED
A RETROGRADE TISSUE SPLITTER AND METHOD						
2052	JAPAN	514930/95	10/12/94	2771039	04/17/98	ISSUED
A RETROGRADE TISSUE SPLITTER AND METHOD						
2052 DIV	USA	08/431368	04/28/95	5797906	08/25/98	ISSUED
A RETROGRADE TISSUE SPLITTER AND METHOD						
2052 UM	GERWE	G9490470.7	10/12/94	G9490470.7	07/25/96	ISSUED
A RETROGRADE TISSUE SPLITTER AND METHOD						

PATENT

REEL: 010577 FRAME: 0650

PATENT

REEL: 023731 FRAME: 0665

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2053	USA	08/988362	12/10/97			PENDING
SMART RECONGNITION APPARATUS AND METHOD						
2054	USA	08/161737	12/03/93	5514129	05/07/96	ISSUED
AUTOMATIC BIPOLAR CONTROL FOR AN ELECTROSURGICAL GENERATOR						
2055	USA	08/174593	12/27/93	5422567	06/06/95	ISSUED
HIGH FREQUENCY POWER MEASUREMENT						
2056	USA	08/133235	10/07/93	5496312	03/05/96	ISSUED
AUTOMATIC CONTROL FOR ELECTROSURGICAL GENERATOR						
2056	#EPO	94924973.4	09/09/94			ABANDONED
AUTOMATIC CONTROL FOR ELECTROSURGICAL GENERATOR						
2056	JAPAN	504783/95	09/09/94	2677456	07/25/97	ISSUED
AUTOMATIC CONTROL FOR ELECTROSURGICAL GENERATOR						
2056	UNIKN	94924973.4	09/09/94			ISSUED
AUTOMATIC CONTROL FOR ELECTROSURGICAL GENERATOR						

PATENT

REEL: 010577 FRAME: 0651

PATENT

REEL: 023731 FRAME: 0666

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2056	ITALY	94924973.4	09/09/94			ISSUED
AUTOMATIC CONTROL FOR ELECTROSURGICAL GENERATOR						
2056	FRANC	94924973.4	09/09/94			ISSUED
AUTOMATIC CONTROL FOR ELECTROSURGICAL GENERATOR						
2056	GERWE	94924973.4	09/09/94			ISSUED
AUTOMATIC CONTROL FOR ELECTROSURGICAL GENERATOR						
2056 UM	GERWE	G9490466.9	09/09/94	G9490466.9	06/13/96	ISSUED
AUTOMATIC CONTROL FOR ELECTROSURGICAL GENERATOR						
2056	GERWE	94924973.4	10/07/93			PENDING
AN AUTOMATIC CONTROL FOR ENERGY FROM AN ELECTROSURGICAL GENERATOR						
2057	#EPO	94924977.5	09/09/94			ABANDONED
AN AUTOMATIC CONTROL FOR ENERGY FROM AN ELECTROSURGICAL GENERATOR						
2057	JAPAN	510706/95	09/09/94	2739717	01/23/98	PUBLISHED
AN AUTOMATIC CONTROL FOR ENERGY FROM AN ELECTROSURGICAL						

PATENT

REEL: 010577 FRAME: 0652

PATENT

REEL: 023731 FRAME: 0667

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
GENERATOR						
2057 UM	GERWE	G9490465.0	09/09/94	G9490465.0	06/20/96	ISSUED
AN AUTOMATIC CONTROL FOR ENERGY FROM AN ELECTROSURGICAL GENERATOR						
2058	USA	08/184515	01/21/94	5382247	01/17/95	ISSUED
TECHNIQUE FOR ELECTROSURGICAL TIPS AND METHOD OF MANUFACTURE AND USE						
2058	JAPAN	512898/95	11/14/94			ABANDONED
TECHNIQUE FOR ELECTROSURGICAL TIPS AND METHOD OF MANUFACTURE AND USE						
2058	PCT	PCTIB9400353	11/14/94			PENDING
TECHNIQUE FOR ELECTROSURGICAL TIPS AND METHOD OF MANUFACTURE AND USE						
2058	#EPO	94931149.2	11/14/94			PENDING
TECHNIQUE FOR ELECTROSURGICAL TIPS AND METHOD OF MANUFACTURE AND USE						
2058 UM	GERWE	G9490477.4	11/14/94	G9490477.4	09/12/96	ISSUED
TECHNIQUE FOR ELECTROSURGICAL TIPS AND METHOD OF MANUFACTURE AND USE						
2059	USA	08/210787	03/17/94	5484398	01/16/96	ISSUED

PATENT

REEL: 010577 FRAME: 0653

PATENT

REEL: 023731 FRAME: 0668

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
METHOD OF MAKING AND USING ULTRASONIC HANDPEICE						
2059	JAPAN	523934/95	01/19/95			PENDING
METHOD OF MAKING AND USING ULTRASONIC HANDPEICE						
2059	#EPO	95904686.3	03/11/97			PENDING
METHOD OF MAKING AND USING ULTRASONIC HANDPEICE						
2059 UM	GERWE	29580471.8	01/19/95	29580471.8	01/02/97	ISSUED
METHOD OF MAKING AND USING ULTRASONIC HANDPEICE						
2060	USA	08/533891	09/26/95	5772659	06/30/98	ISSUED
ELECTROSURGICAL GENERATOR POWER CONTROL CIRCUIT AND METHOD						
2060	AUSAL	60134/96	02/03/98	699351		ABANDONED
ELECTROSURGICAL GENERATOR POWER CONTROL CIRCUIT AND METHOD						
2060	#EPO	96917617.1	06/28/96			ABANDONED
ELECTROSURGICAL GENERATOR POWER CONTROL CIRCUIT AND METHOD						
2060	JAPAN	513240/97	06/28/98			ABANDONED

PATENT

REEL: 010577 FRAME: 0654

PATENT

REEL: 023731 FRAME: 0669

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
ELECTROSURGICAL GENERATOR POWER CONTROL CIRCUIT AND METHOD						
2060	PCT	PCTIB9600618	06/28/96			PUBLISHED
ELECTROSURGICAL GENERATOR POWER CONTROL CIRCUIT AND METHOD						
2060	CANAD	2229874	06/28/96			ABANDONED
ELECTROSURGICAL GENERATOR POWER CONTROL CIRCUIT AND METHOD						
2060	CON USA	09/082557	05/21/98			PENDING
ELECTROSURGICAL GENERATOR POWER CONTROL CIRCUIT AND METHOD						
2061	USA	08/289958	08/12/94	5509916	04/23/96	ISSUED
LASER-ASSISTED ELECTROSURGERY SYSTEM						
2061	AUSAL	27507/95	07/10/95			ABANDONED
LASER-ASSISTED ELECTROSURGERY SYSTEM						
2061	#EPO	95922694.5	07/10/95			ABANDONED
LASER-ASSISTED ELECTROSURGERY SYSTEM						

PATENT

REEL: 010577 FRAME: 0655

PATENT

REEL: 023731 FRAME: 0670

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2061	JAPAN	507152/96	07/10/95			ABANDONED
LASER-ASSISTED ELECTROSURGERY SYSTEM						
2061	CANAD	2194987	01/23/97			ABANDONED
LASER-ASSISTED ELECTROSURGERY SYSTEM						
2062	USA	08/362091	12/22/94	5695494	12/09/97	ISSUED
ADAPTIVE MONITORING FOR A RETURN ELECTRODE CONSISTING OF TWO PARTS (REM)						
2062	GERWE	PCTIB9501094	12/04/95			PENDING
ADAPTIVE MONITORING FOR A RETURN ELECTRODE CONSISTING OF TWO PARTS (REM)						
2062	JAPAN	519637/96	12/04/95			ABANDONED
ADAPTIVE MONITORING FOR A RETURN ELECTRODE CONSISTING OF TWO PARTS (REM)						
2062 UM	GERWE	29580748.2	12/04/95	29580748.2	09/11/97	ISSUED
ADAPTIVE MONITORING FOR A RETURN ELECTRODE CONSISTING OF TWO PARTS (REM)						
2063	USA	08/218786	03/28/94	5541376	07/30/96	ISSUED
TOOL AND SWITCH AND METHOD OF ASSEMBLING						

PATENT

REEL: 010577 FRAME: 0656

PATENT

REEL: 023731 FRAME: 0671

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2063	JAPAN	525066/95	03/03/95			PENDING
TOOL AND SWITCH AND METHOD OF ASSEMBLING						
2063	#EPO	95909075.4	02/19/97			PENDING
TOOL AND SWITCH AND METHOD OF ASSEMBLING						
2063 UM	GERWE	29580468.8	03/03/95	29580468.8	01/16/97	ISSUED
TOOL AND SWITCH AND METHOD OF ASSEMBLING						
2064	CANAD	2210517	01/03/96			PENDING
ELECTROSURGICAL ASPIRATOR COMBINED WITH A PENCIL						
2064	#EPO	96900003.3	01/03/96			PENDING
ELECTROSURGICAL ASPIRATOR COMBINED WITH A PENCIL						
2064	JAPAN	523368/96	01/03/96			PENDING
ELECTROSURGICAL ASPIRATOR COMBINED WITH A PENCIL						
2064	USA	08/383162	02/03/95			PENDING
ELECTROSURGICAL ASPIRATOR COMBINED WITH A PENCIL						

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2064	PCT	PCTIB9600003	01/03/96			PUBLISHED
ELECTROSURGICAL ASPIRATOR COMBINED WITH A PENCIL						
2064	USA	08/278894	06/19/97			PENDING
ELECTROSURGICAL ASPIRATOR COMBINED WITH A PENCIL						
2065	USA	08/386898	02/10/95	5669907	09/23/97	ISSUED
PLASMA ENHANCED BIPOLAR ELECTROSURGICAL SYSTEM						
2065	AUSAL	42718/96	01/03/96	688649	07/02/98	ISSUED
PLASMA ENHANCED BIPOLAR ELECTROSURGICAL SYSTEM						
2065	CANAD	2212415	01/03/96			PENDING
PLASMA ENHANCED BIPOLAR ELECTROSURGICAL SYSTEM						
2065	#EPO	96900004.1	01/03/96			PENDING
PLASMA ENHANCED BIPOLAR ELECTROSURGICAL SYSTEM						
2065	JAPAN	524096/96	01/03/96			PENDING
PLASMA ENHANCED BIPOLAR ELECTROSURGICAL SYSTEM						

PATENT

REEL: 010577 FRAME: 0658

PATENT

REEL: 023731 FRAME: 0673

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2065	PCT	PCTIB9600004	01/03/96			PUBLISHED
PLASMA ENHANCED BIPOLAR ELECTROSURGICAL SYSTEM						
2066	USA	08/330278	10/27/94	5575789	11/19/96	ISSUED
ENERGIZABLE SURGICAL TOOL SAFETY DEVICE AND METHOD						
2067	USA	08/367420	12/30/94	5466020	11/14/95	ISSUED
BAYONET CONNECTOR FOR SURGICAL HANDPIECE						
2067	AUSAL	33526/95	09/11/95	703586		PENDING
BAYONET CONNECTOR FOR SURGICAL HANDPIECE						
2067	CANAD	2204746	09/11/95			PENDING
BAYONET CONNECTOR FOR SURGICAL HANDPIECE						
2067	#EPO	95929980.1	09/11/95			PENDING
BAYONET CONNECTOR FOR SURGICAL HANDPIECE						
2067	JAPAN	520814/96	09/11/95			PENDING
BAYONET CONNECTOR FOR SURGICAL HANDPIECE						

PATENT

REEL: 010577 FRAME: 0659

PATENT

REEL: 023731 FRAME: 0674

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2068	USA	08/468950	06/06/95	5599344	02/04/97	ISSUED
CONTROL APPARATUS FOR ELECTROSURGICAL GENERATOR POWER UNIT						
2068	AUSAL	57010/96	11/20/97			PENDING
CONTROL APPARATUS FOR ELECTROSURGICAL GENERATOR POWER UNIT						
2068	CANAD	2220921	11/12/97			PENDING
CONTROL APPARATUS FOR ELECTROSURGICAL GENERATOR POWER UNIT						
2068	JAPAN	500261/97	11/21/97			PENDING
CONTROL APPARATUS FOR ELECTROSURGICAL GENERATOR POWER UNIT						
2068	PCT	PCTIB9600552	06/03/96			PUBLISHED
CONTROL APPARATUS FOR ELECTROSURGICAL GENERATOR POWER UNIT						
2068	#EPO	96915136.4	06/03/96			PENDING
CONTROL APPARATUS FOR ELECTROSURGICAL GENERATOR POWER UNIT						
2069	USA	08/367493	12/30/94	5713895	02/03/98	ISSUED

PATENT

REEL: 010577 FRAME: 0660

PATENT

REEL: 023731 FRAME: 0675

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
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PARTIALLY COATED ELECTRODES MANUFACTURE AND USE						
2069	CANAD	2205847	11/08/95			ABANDONED
PARTIALLY COATED ELECTRODES MANUFACTURE AND USE						
2069	GERWE	PCTIB9500974	11/08/95			PENDING
PARTIALLY COATED ELECTRODES MANUFACTURE AND USE						
2069	JAPAN	520817/96	11/08/95			ABANDONED
PARTIALLY COATED ELECTRODES MANUFACTURE AND USE						
2069	#EPO	95934796.4	11/08/95			PENDING
PARTIALLY COATED ELECTRODES MANUFACTURE AND USE						
2069	GERWE	08/934688	08/22/97			PENDING
PARTIALLY COATED ELECTRODES, MANUFACTURE AND USE						
2069 UM	GERWE	29580791.1	11/08/95	29580791.1	09/11/97	ISSUED
PARTIALLY COATED ELECTRODES MANUFACTURE AND USE						
2070	USA	08/360538	12/21/94	5628743	05/13/97	ISSUED

PATENT

REEL: 010577 FRAME: 0661

PATENT

REEL: 023731 FRAME: 0676

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
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DUAL MODE ULTRASONIC SURGICAL APPARATUS						
2070	AUSAL	49524/96	04/04/96			ABANDONED
DUAL MODE ULTRASONIC SURGICAL APPARATUS						
2070	CANAD	2228659	04/04/96			ABANDONED
DUAL MODE ULTRASONIC SURGICAL APPARATUS						
2070	#EPO	96905980.7	04/04/96			PENDING
DUAL MODE ULTRASONIC SURGICAL APPARATUS						
2070	JAPAN	PCTIB9600280	04/04/96			ABANDONED
DUAL MODE ULTRASONIC SURGICAL APPARATUS						
2070	PCT	PCTIB9600280	04/04/96			PUBLISHED
DUAL MODE ULTRASONIC SURGICAL APPARATUS						
2071	USA	08/360534	12/21/94	5613966	03/25/97	ISSUED
RATE CONTROL FOR A SMOKE/LIQUID SUCTION ACCESSORY						

PATENT

REEL: 010577 FRAME: 0662

PATENT

REEL: 023731 FRAME: 0677

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2071	#EPO	95931385.9	10/02/95			PENDING
RATE CONTROL FOR A SMOKE/LIQUID SUCTION ACCESSORY						
2071	GERWE	PCTIB9500826	10/02/95			PENDING
RATE CONTROL FOR A SMOKE/LIQUID SUCTION ACCESSORY						
2071	JAPAN	519616/96	10/02/95			PENDING
RATE CONTROL FOR A SMOKE/LIQUID SUCTION ACCESSORY						
2072	USA	08/399682	03/07/95	5669904	09/23/97	ISSUED
SURGICAL GAS PLASMA IGNITION APPARATUS AND METHOD						
2072	AUSAL	46739/96	03/01/96			ABANDONED
SURGICAL GAS PLASMA IGNITION APPARATUS AND METHOD						
2072	CANAD	2213472	03/01/96			PENDING
SURGICAL GAS PLASMA IGNITION APPARATUS AND METHOD						
2072	#EPO	96902402.5	03/01/96			PENDING
SURGICAL GAS PLASMA IGNITION APPARATUS AND METHOD						

PATENT

REEL: 010577 FRAME: 0663

PATENT

REEL: 023731 FRAME: 0678

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2072	JAPAN	526735/96	03/01/96			ABANDONED
SURGICAL GAS PLASMA IGNITION APPARATUS AND METHOD						
2072	PCT	PCTIB9600158	03/01/96			PUBLISHED
SURGICAL GAS PLASMA IGNITION APPARATUS AND METHOD						
2072 CIP	USA	08/934843	09/22/97			PENDING
SURGICAL GAS PLASMA IGNITION APPARATUS AND METHOD						
2072 CIP	PCT	PCTUS9819284	09/16/98			PENDING
SURGICAL GAS PLASMA IGNITION APPARATUS AND METHOD						
2072 CIP	#EPO	98947059.6	09/16/98			PENDING
SURGICAL GAS PLASMA IGNITION APPARATUS AND METHOD						
2075	USA	08/470533	06/06/95	5720744	02/24/98	ISSUED
A CONTROL SYSTEM FOR NEUROSURGERY						
2075	CANAD	2220904	06/03/96			PENDING
A CONTROL SYSTEM FOR NEUROSURGERY						

PATENT

REEL: 010577 FRAME: 0664

PATENT

REEL: 023731 FRAME: 0679

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2075	JAPAN	500256/97	06/03/96			PENDING
A CONTROL SYSTEM FOR NEUROSURGERY						
2075	PCT	PCTIB9600547	06/03/96			PUBLISHED
A CONTROL SYSTEM FOR NEUROSURGERY						
2076	USA	08/513287	08/10/95	5611709	03/18/97	ISSUED
METHOD AND ASSEMBLY OF MEMBER AND TERMINAL						
2076	AUSAL	PCTIB9600630	07/01/96			PENDING
METHOD AND ASSEMBLY OF MEMBER AND TERMINAL						
2076	CANAD	2226445	07/01/96			PENDING
METHOD AND ASSEMBLY OF MEMBER AND TERMINAL						
2076	PCT	PCTIB9600630	07/01/96			PUBLISHED
METHOD AND ASSEMBLY OF MEMBER AND TERMINAL						
2076	#EPO	96918790.5	07/01/96			PENDING
METHOD AND ASSEMBLY OF MEMBER AND TERMINAL						

PATENT

REEL: 010577 FRAME: 0665

PATENT

REEL: 023731 FRAME: 0680

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2076	JAPAN	508256/97	07/01/96			PENDING
METHOD AND ASSEMBLY OF MEMBER AND TERMINAL						
2077	USA	08/530450	09/19/95	5776130	07/07/98	ISSUED
VASCULAR TISSUE SEALING PRESSURE CONTROL AND METHOD						
2077	AUSAL	PCTIB9600791	08/12/96			PENDING
VASCULAR TISSUE SEALING PRESSURE CONTROL AND METHOD						
2077	CANAD	2228436	08/12/96			PENDING
VASCULAR TISSUE SEALING PRESSURE CONTROL AND METHOD						
2077	#EPO	96925051.3	08/12/96			PENDING
VASCULAR TISSUE SEALING PRESSURE CONTROL AND METHOD						
2077	JAPAN	PCTIB9600791	08/12/96			PENDING
VASCULAR TISSUE SEALING PRESSURE CONTROL AND METHOD						
2077	PCT	PCTIB9600791	08/12/96			PUBLISHED
VASCULAR TISSUE SEALING PRESSURE CONTROL AND METHOD						

PATENT

REEL: 010577 FRAME: 0666

PATENT

REEL: 023731 FRAME: 0681

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2077 CON	USA		06/25/98			PENDING
VASCULAR TISSUE SEALING PRESSURE CONTROL AND METHOD						
2077 DIV	USA		06/25/98			PENDING
VASCULAR TISSUE SEALING PRESSURE CONTROL AND METHOD						
2078	USA	08/330495	09/19/95			ISSUED
ENERGY DELIVERY SYSTEM FOR VESSEL SEALING						
2078	AUSAL	PCTIB9600669	07/11/96			PENDING
ENERGY DELIVERY SYSTEM FOR VESSEL SEALING						
2078	CANAD	2228890	07/11/96			PENDING
ENERGY DELIVERY SYSTEM FOR VESSEL SEALING						
2078	#EPO	9621013.7	07/11/96			PENDING
ENERGY DELIVERY SYSTEM FOR VESSEL SEALING						
2078	JAPAN	PCTIB9600669	07/11/96			PENDING

PATENT

REEL: 010577 FRAME: 0667

PATENT

REEL: 023731 FRAME: 0682

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status

ENERGY DELIVERY SYSTEM FOR VESSEL SEALING						
2078	PCT	PCTIB9600669	07/11/96			PUBLISHED
ENERGY DELIVERY SYSTEM FOR VESSEL SEALING						
2079	USA	08/471344	06/06/95			PENDING
DIGITAL WAVEFORM GENERATION FOR ELECTROSURGICAL GENERATORS						
2079	AUSAL	57009/96	06/03/96			PENDING
DIGITAL WAVEFORM GENERATION FOR ELECTROSURGICAL GENERATORS						
2079	CANAD	2220909	06/03/96			PENDING
DIGITAL WAVEFORM GENERATION FOR ELECTROSURGICAL GENERATORS						
2079	#EPO	96915135.6	06/03/96			PENDING
DIGITAL WAVEFORM GENERATION FOR ELECTROSURGICAL GENERATORS						
2079	JAPAN	500260/97	06/03/96			PENDING
DIGITAL WAVEFORM GENERATION FOR ELECTROSURGICAL GENERATORS						
2079	PCT	PCTIB9600551	06/03/96			PUBLISHED

PATENT

REEL: 010577 FRAME: 0668

PATENT

REEL: 023731 FRAME: 0683

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
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DIGITAL WAVEFORM GENERATION FOR ELECTROSURGICAL GENERATORS

~~2078~~ ~~GB~~ ~~USA~~ 08/849038 04/28/97 PENDING

DIGITAL WAVEFORM GENERATION FOR ELECTROSURGICAL GENERATORS

2080 USA 08/479424 06/06/95 5628745 05/13/97 ISSUED

EXIT SPARK CONTROL FOR AN ELECTROSURGICAL GENERATOR

2080 AUSAL 57008/96 06/03/96 PENDING

EXIT SPARK CONTROL FOR AN ELECTROSURGICAL GENERATOR

2080 CANAD 2221285 06/03/96 PENDING

EXIT SPARK CONTROL FOR AN ELECTROSURGICAL GENERATOR

2080 #EPO 96915134.9 06/03/96 PENDING

EXIT SPARK CONTROL FOR AN ELECTROSURGICAL GENERATOR

2080 JAPAN 500259/97 06/03/96 PENDING

EXIT SPARK CONTROL FOR AN ELECTROSURGICAL GENERATOR

PATENT

REEL: 010577 FRAME: 0669

PATENT

REEL: 023731 FRAME: 0684

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2080	PCT	PCTIB9600550	06/03/96			PUBLISHED
EXIT SPARK CONTROL FOR AN ELECTROSURGICAL GENERATOR						
2081	USA	08/968779	11/12/97			PENDING
BIPOLAR ELECTROSURGICAL INSTRUMENT FOR SEALING VESSELS						
2082	USA	08/638455	04/26/96			ABANDONED
APPARATUS FOR AND METHOD OF TISSUE REMOVAL						
2083	USA	08/566560	12/04/95	5658281	09/19/97	ISSUED
BIPOLAR ELECTROSURGICAL SCISSORS AND METHOD OF MANUFACTURE						
2083	CANAD	2191823	12/02/96			ALLOWED
BIPOLAR ELECTROSURGICAL SCISSORS AND METHOD OF MANUFACTURE						
2083	GERWE	P19650150.4	12/03/96			PENDING
BIPOLAR ELECTROSURGICAL SCISSORS AND METHOD OF MANUFACTURE						
2083	JAPAN	324318/96	12/04/96			ABANDONED
BIPOLAR ELECTROSURGICAL SCISSORS AND METHOD OF MANUFACTURE						

PATENT

REEL: 010577 FRAME: 0670

PATENT

REEL: 023731 FRAME: 0685

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2084	USA	08/590233	01/23/96	5738648	04/14/98	ISSUED
NEUROSURGERY IRRIGATION SYSTEM						
2084	CANAD	2195610	01/21/97			ABANDONED
NEUROSURGERY IRRIGATION SYSTEM						
2084	GERWE	19701328.7	01/16/97			ABANDONED
NEUROSURGERY IRRIGATION SYSTEM						
2084	JAPAN	9896/97	01/23/97			ABANDONED
NEUROSURGERY IRRIGATION SYSTEM						
2085	USA	08/534353	09/27/95	5702387	12/30/97	ISSUED
COATED ELECTROSURGICAL ELECTRODE AND METHOD OF MANUFACTURE						
2085	AUSAL	60135/96	06/28/96			PENDING
COATED ELECTROSURGICAL ELECTRODE AND METHOD OF MANUFACTURE						
2085	CANAD	2227236	06/28/96			PENDING
COATED ELECTROSURGICAL ELECTRODE AND METHOD OF MANUFACTURE						

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2085	#EPO	96917618.9	06/28/96			PENDING
COATED ELECTROSURGICAL ELECTRODE AND METHOD OF MANUFACTURE						
2085	JAPAN	513241/97	03/24/98			PENDING
COATED ELECTROSURGICAL ELECTRODE AND METHOD OF MANUFACTURE						
2085	PCT	PCTIB9600619	06/28/96			PUBLISHED
COATED ELECTROSURGICAL ELECTRODE AND METHOD OF MANUFACTURE						
2085	USA	08/649146	05/14/96			PENDING
APPARATUS AND METHOD FOR STERILIZATION AND EMBOLIZATION						
2086	AUSAL	20843/97	05/13/97			PENDING
APPARATUS AND METHOD FOR STERILIZATION AND EMBOLIZATION						
2086	CANAD	2204566	05/06/97			PENDING
APPARATUS AND METHOD FOR STERILIZATION AND EMBOLIZATION						
2086	FRANC	9705848	05/13/97			PENDING
APPARATUS AND METHOD FOR STERILIZATION AND EMBOLIZATION						

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2086	UNIKN	9708729.0	04/29/97			PENDING
APPARATUS AND METHOD FOR STERILIZATION AND EMBOLIZATION						
2086	GERWE	19719934.8	05/13/97			PENDING
APPARATUS AND METHOD FOR STERILIZATION AND EMBOLIZATION						
2086	JAPAN	123823/97	05/14/97			PENDING
APPARATUS AND METHOD FOR STERILIZATION AND EMBOLIZATION						
2087	USA	08/601389	02/14/96			PENDING
METHOD AND INSTRUMENTATION FOR SUCTION ELECTROSURGERY						
2088	USA	08/628531	04/04/96			ABANDONED
ELECTROSURGICAL DEVICE FOR MYOMA NECROSIS						
2088	GERWE	19713797.0	04/03/97			ABANDONED
ELECTROSURGICAL DEVICE FOR MYOMA NECROSIS						
2088	JAPAN	84947/97	04/03/97			ABANDONED
ELECTROSURGICAL DEVICE FOR MYOMA NECROSIS						

PATENT

REEL: 010577 FRAME: 0673

PATENT

REEL: 023731 FRAME: 0688

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
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2088	USA	08/925805	09/09/97			PENDING
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APPARATUS AND METHOD FOR SEALING AND CUTTING TISSUE

2089	PCT	PCTUS9818576	09/04/98			PENDING
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APPARATUS AND METHOD FOR SEALING AND CUTTING TISSUE

2089	#EPO	98944778.4	09/04/98			PENDING
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APPARATUS AND METHOD FOR SEALING AND CUTTING TISSUE

2089	USA	08/619380	03/21/96			PENDING
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CIRCUIT AND METHOD FOR ARGON ACTIVATION

2090	CANAD	2200534	03/20/97			PENDING
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CIRCUIT AND METHOD FOR ARGON ACTIVATION

2090	FRANC	9703426	03/20/97			PENDING
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CIRCUIT AND METHOD FOR ARGON ACTIVATION

2090	UNIKN	9703794.9	02/24/97			PENDING
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PATENT

REEL: 010577 FRAME: 0674

PATENT

REEL: 023731 FRAME: 0689

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status

CIRCUIT AND METHOD FOR ARGON ACTIVATION						
2090	GERWE	19706270.9	02/18/97			PENDING
CIRCUIT AND METHOD FOR ARGON ACTIVATION						
2090	JAPAN	64045/97	03/18/97			PENDING
CIRCUIT AND METHOD FOR ARGON ACTIVATION						
2090	USA	08/632640	03/27/96			PENDING
ELECTROSURGICAL INTERSTITIAL RESECTOR						
2091	CANAD	2200029	03/14/97			ABANDONED
ELECTROSURGICAL INTERSTITIAL RESECTOR						
2091	FRANC	9703681	03/26/97			ABANDONED
ELECTROSURGICAL INTERSTITIAL RESECTOR						
2091	UNIKN	9703792.3	02/24/97			ABANDONED
ELECTROSURGICAL INTERSTITIAL RESECTOR						
2091	GERWE	19706751.4	02/20/97			ABANDONED

PATENT

REEL: 010577 FRAME: 0675

PATENT

REEL: 023731 FRAME: 0690

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
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ELECTROSURGICAL INTERSTITIAL RESECTOR						
2092	USA	08/621151	03/21/96			PENDING
ELECTROSURGICAL GAS ATTACHMENT						
2092	CANAD	2200535	03/20/97			PENDING
ELECTROSURGICAL GAS ATTACHMENT						
2092	FRANC	9703427	03/20/97			PENDING
ELECTROSURGICAL GAS ATTACHMENT						
2092	UNIKN	9703791.5	02/24/97			PENDING
ELECTROSURGICAL GAS ATTACHMENT						
2092	GERWE	19706269.5	02/18/97			PENDING
ELECTROSURGICAL GAS ATTACHMENT						
2092	JAPAN	64516/97	03/18/97			PENDING
ELECTROSURGICAL GAS ATTACHMENT						

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2093	AUSAL	16211/97	03/11/97			ABANDONED
HANDSWITCH CORD AND CIRCUIT						
2093	CANAD	2198313	02/24/97			ABANDONED
HANDSWITCH CORD AND CIRCUIT						
2093	FRANC	9702846	03/11/97			ABANDONED
HANDSWITCH CORD AND CIRCUIT						
2093	UNIKN	9703832.7	02/25/97			ABANDONED
HANDSWITCH CORD AND CIRCUIT						
2093	GERWE	19708763.9	03/04/97			ABANDONED
HANDSWITCH CORD AND CIRCUIT						
2093	JAPAN	57562/97	03/12/97			ABANDONED
HANDSWITCH CORD AND CIRCUIT						
2093	USA	08/614122	03/12/96			ABANDONED
HANDSWITCH CORD AND CIRCUIT						

PATENT

REEL: 010577 FRAME: 0677

PATENT

REEL: 023731 FRAME: 0692

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2093 CON	USA	08/897404	07/21/97			PENDING
REPLACEABLE ACCESSORY CORD AND HANDSWITCH						
2094	USA	08/602402	02/16/96	5713128	02/03/98	ISSUED
ELECTROSURGICAL PAD APPARATUS AND METHOD OF MANUFACTURE						
2094	GERWE	19705033.6	02/10/97			PENDING
ELECTROSURGICAL PAD APPARATUS AND METHOD OF MANUFACTURE						
2094	JAPAN	29932/97	02/14/97			PENDING
ELECTROSURGICAL PAD APPARATUS AND METHOD OF MANUFACTURE						
2095	USA	382280	02/01/95	5511564	04/30/96	ISSUED
LAPAROSCOPIC STRETCHING INSTRUMENT AND ASSOCIATED METHOD						
2097	USA	08/134560	10/12/93	5556416	09/17/96	ISSUED
IMPROVED ENDOSCOPIC INSTRUMENT						
2097	CANAD	2173998	10/12/94			ABANDONED
IMPROVED ENDOSCOPIC INSTRUMENT						

PATENT

REEL: 010577 FRAME: 0678

PATENT

REEL: 023731 FRAME: 0693

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2097	#EPO	94930743.3	10/12/94			ABANDONED
IMPROVED ENDOSCOPIC INSTRUMENT						
2097	JAPAN	512032/95	10/12/94			ABANDONED
IMPROVED ENDOSCOPIC INSTRUMENT						
2099	USA	08/990377	12/15/97			PENDING
APPARATUS AND METHOD FOR RF LESIONING						
2100	USA	08/838548	04/09/97			PENDING
ELECTROSURGICAL GENERATOR WITH ADAPTIVE POWER CONTROL						
2100	CANAD	2232018	03/11/98			PENDING
ELECTROSURGICAL GENERATOR WITH ADAPTIVE POWER CONTROL						
2100	#EPO	98300964.8	02/10/98	0870473		PENDING
ELECTROSURGICAL GENERATOR WITH ADAPTIVE POWER CONTROL						
2100	JAPAN	11493/98	01/23/98			PENDING
ELECTROSURGICAL GENERATOR WITH ADAPTIVE POWER CONTROL						

PATENT

REEL: 010577 FRAME: 0679

PATENT

REEL: 023731 FRAME: 0694

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2100 UM	GERWE	29805534.1	03/26/98			PENDING
ELECTROSURGICAL GENERATOR WITH ADAPTIVE POWER CONTROL						
2106	USA	08/926869	09/10/97			PENDING
BIPOLAR INSTRUMENT FOR VESSEL FUSION						
2106	PCT	PCTUS9818640	09/08/98			PENDING
BIPOLAR INSTRUMENT FOR VESSEL FUSION						
2106	#EPO	98946876.4	09/08/98			PENDING
BIPOLAR INSTRUMENT FOR VESSEL FUSION						
2107	USA	08/792054	02/03/97			ALLOWED
METHOD AND APPARATUS FOR ETECTING TUBE OCCLUSION						
2107	CANAD	2228399	01/30/98			PENDING
METHOD AND APPARATUS FOR ETECTING TUBE OCCLUSION						
2107	JAPAN	22227/98	02/03/98			PENDING
METHOD AND APPARATUS FOR ETECTING TUBE OCCLUSION						

PATENT

REEL: 010577 FRAME: 0680

PATENT

REEL: 023731 FRAME: 0695

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2107	#EPO	98300317.9	01/16/98	0856326		PENDING
METHOD AND APPARATUS FOR DETECTING TUBE OCCLUSION						
2108	USA	29/066087	02/03/97			ABANDONED
FRONT PANEL FOR ELECTROSURGICAL GAS DELIVERY SYSTEM						
2110	AUSAL	10583/83	01/19/83	536939	10/30/84	ISSUED
HYDROPHILIC ELASTOMERIC PRESSURE-SENSITIVE ADHESIVE						
2110	CANAD	419494	01/14/83	1218954	03/10/87	ISSUED
HYDROPHILIC ELASTOMERIC PRESSURE-SENSITIVE ADHESIVE						
2110	FRANC	8303021	02/24/83	8303021	11/04/85	ISSUED
HYDROPHILIC ELASTOMERIC PRESSURE-SENSITIVE ADHESIVE						
2110	UNIKN	8304834	02/22/83	2115431	01/25/86	ISSUED
HYDROPHILIC ELASTOMERIC PRESSURE-SENSITIVE ADHESIVE						
2110	GERWE	P3305473.8	02/17/83	P3305473.8	07/10/86	ISSUED

PATENT

REEL: 010577 FRAME: 0681

PATENT

REEL: 023731 FRAME: 0696

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
HYDROPHILIC ELASTOMERIC PRESSURE-SENSITIVE ADHESIVE						
2110	JAPAN	30662/83	02/25/83	1695909	12/15/88	ISSUED
HYDROPHILIC ELASTOMERIC PRESSURE-SENSITIVE ADHESIVE						
2110 CIP	USA	755187	09/12/85	4699146	10/13/87	ISSUED
HYDROPHILIC ELASTOMERIC PRESSURE-SENSITIVE ADHESIVE						
2110 CON	USA	782651	10/01/85	4750482	01/14/88	ISSUED
WOUND AND BURN DRESSING ADHESIVE						
2110 DIV	JAPAN	322470/89	12/12/89	1787645	09/10/93	ISSUED
HYDROPHILIC ELASTOMERIC PRESSURE-SENSITIVE ADHESIVE						
2111	USA	317780	11/03/81	4416277	11/22/83	ISSUED
IMPROVED RETURN ELECTRODE MONITORING SYSTEM FOR USE DURING ELECTROSURGICAL ACTIVATION						
2111	AUSAL	89414/82	10/15/82	541482	07/10/85	ISSUED
IMPROVED RETURN ELECTRODE MONITORING SYSTEM FOR USE DURING ELECTROSURGICAL ACTIVATION						
2111	CANAD	413756	10/19/82	1200287	02/04/86	ISSUED

PATENT

REEL: 010577 FRAME: 0682

PATENT

REEL: 023731 FRAME: 0697

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
IMPROVED RETURN ELECTRODE MONITORING SYSTEM FOR USE DURING ELECTROSURGICAL ACTIVATION						
2111	GERWE	P3239640.6	10/26/82	P3239640.6	08/11/92	OPPOSED
IMPROVED RETURN ELECTRODE MONITORING SYSTEM FOR USE DURING ELECTROSURGICAL ACTIVATION						
2111	JAPAN	188072/82	10/26/82	1871580	09/06/94	ISSUED
IMPROVED RETURN ELECTRODE MONITORING SYSTEM FOR USE DURING ELECTROSURGICAL ACTIVATION						
2111 CON	USA	782651	10/01/85	4750482	06/14/88	ISSUED
WOUND AND BURN DRESSING ADHESIVE						
2111 DIV	AUSAL	31835/84	08/10/84	556751	05/12/87	ISSUED
IMPROVED RETURN ELECTRODE MONITORING SYSTEM FOR USE DURING ELECTROSURGICAL ACTIVATION						
2111 DIV	GERWE	P3249766.0	05/06/85	P3249766.0	04/26/88	ISSUED
IMPROVED RETURN ELECTRODE MONITORING SYSTEM FOR USE DURING ELECTROSURGICAL ACTIVATION						
2111 DIV	JAPAN	105356/88	10/26/82	2128902	05/02/97	ISSUED
IMPROVED RETURN ELECTRODE MONITORING SYSTEM FOR USE DURING ELECTROSURGICAL ACTIVATION						

PATENT

REEL: 010577 FRAME: 0683

PATENT

REEL: 023731 FRAME: 0698

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2112	USA	315053	10/26/81	4416276	11/22/83	ISSUED
IMPROVED ADAPTIVE RETURN ELECTRODE MONITORING SYSTEM						
2112	CANAD	413745	10/19/82	1200266	02/04/86	ISSUED
IMPROVED ADAPTIVE RETURN ELECTRODE MONITORING SYSTEM						
2113 DIV	CANAD	334801	08/30/79	1087949	10/21/80	EXPIRED
FAILURE ALARM FOR INTRAVENOUS FEEDING PUMP						
2114	USA	869008	01/12/78	4188927	02/19/80	EXPIRED
MULTIPLE SOURCE ELECTROSURGICAL GENERATOR						
2115	USA	878529	02/16/78	4196734	04/08/80	EXPIRED
ELECTROSURGERY CAUTERY SYSTEM						
2116	USA	852431	11/17/77	4200104	04/29/80	EXPIRED
ELECTROSURGICAL CONTACT AREA MEASUREMENT DEVICE						
2117	USA	520269	11/04/74	4231372	11/04/80	EXPIRED
ELECTROSURGICAL SAFETY MONITORING CIRCUIT						

PATENT

REEL: 010577 FRAME: 0684

PATENT

REEL: 023731 FRAME: 0699

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2118	USA	543489	01/23/75	4237887	12/09/80	EXPIRED
RADIO-FREQUENCY ELECTROSURGICAL DEVICE						
2119	USA	824174	08/12/77	4275734	06/30/81	ISSUED
CRYOSURGICAL APPARATUS AND METHOD						
2120	AUSAL	32957/84	09/12/84	555500	09/25/86	ISSUED
MICROPROCESSOR IMPLEMENTED ELECTROSURGICAL GENERATOR						
2120	CANAD	462844	09/11/84	1250025	02/22/89	ISSUED
MICROPROCESSOR IMPLEMENTED ELECTROSURGICAL GENERATOR						
2120	#EPO	84306208.4	09/10/84	0136855	11/15/89	ISSUED
MICROPROCESSOR IMPLEMENTED ELECTROSURGICAL GENERATOR						
2120	FRANC	84306208.4	09/10/84	0136855	11/15/89	ISSUED
MICROPROCESSOR IMPLEMENTED ELECTROSURGICAL GENERATOR						
2120	UNIKN	84306208.4	09/10/84	0136855	11/15/89	ISSUED
MICROPROCESSOR IMPLEMENTED ELECTROSURGICAL GENERATOR						

PATENT

REEL: 010577 FRAME: 0685

PATENT

REEL: 023731 FRAME: 0700

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2120	GERWE	84306208.4	09/10/84	P3480462.8	11/15/89	ISSUED
MICROPROCESSOR IMPLEMENTED ELECTROSURGICAL GENERATOR						
2120	ITALY	84306208.4	09/10/84	0136855	11/15/89	ISSUED
MICROPROCESSOR IMPLEMENTED ELECTROSURGICAL GENERATOR						
2120	HOLLN	84306208.4	09/10/84	0136855	11/15/89	ISSUED
MICROPROCESSOR IMPLEMENTED ELECTROSURGICAL GENERATOR						
2120	JAPAN	175806/84	08/23/84	1772213	07/14/93	ISSUED
MICROPROCESSOR IMPLEMENTED ELECTROSURGICAL GENERATOR						
2121	USA	531758	09/13/83	4658819	04/21/87	ISSUED
IMPROVED ELECTROSURGICAL GENERATOR						
2121	CANAD	462839	09/11/84	1235756	04/28/88	ISSUED
IMPROVED ELECTROSURGICAL GENERATOR						
2122	CANAD	474793	02/21/85	1245725	11/29/88	ISSUED
INTRAVASCULAR LASER CATHETER WITH A FIXED FOCAL POINT						

PATENT

REEL: 010577 FRAME: 0686

PATENT

REEL: 023731 FRAME: 0701

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2122 CON	USA	842070	03/20/86	4681104	07/21/87	ISSUED
INTRAVASCULAR LASER CATHETER WITH A FIXED FOCAL POINT						
2123	USA	640856	08/15/84			PENDING
ISOLATION IMPROVEMENT IN ELECTROSURGICAL KEYING CIRCUITRY						
2124	USA	686390	12/26/84	4827927	05/09/89	ISSUED
VARIABLE POWER STERILE FIELD ELECTROSURGICAL GENERATOR						
2124	AUSAL	51049/85	12/10/85	567407	05/02/88	ISSUED
VARIABLE POWER STERILE FIELD ELECTROSURGICAL GENERATOR						
2124	JAPAN	278851/85	12/11/85	1705193	10/29/91	ISSUED
VARIABLE POWER STERILE FIELD ELECTROSURGICAL GENERATOR						
2124	SPAIN	549756	12/10/85	549756	02/26/87	ISSUED
VARIABLE POWER STERILE FIELD ELECTROSURGICAL GENERATOR						
2126 CIP	USA	725657	04/22/85	4642098	02/10/87	ISSUED
IV SYSTEM AND CONTROLLER AND COMBINATION IV FILTER AND PUMP						

PATENT

REEL: 010577 FRAME: 0687

PATENT

REEL: 023731 FRAME: 0702

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status

ASSEMBLY FOR USE THEREIN AND METHOD						
2127	USA	680966	12/11/84	4632109	12/30/86	ISSUED
VARIABLE POWER STERILE FIELD CIRCUITRY FOR ELECTROSURGICAL GENERATOR						
2127	CANAD	497191	12/09/85	1279376	01/22/91	ISSUED
VARIABLE POWER STERILE FIELD CIRCUITRY FOR ELECTROSURGICAL GENERATOR						
2128	USA	704188	02/22/85	4658820	04/21/87	ISSUED
RF DRIVE PULSE GENERATION IN ELECTROSURGICAL GENERATORS						
2128	AUSAL	53865/86	02/21/86	574565	12/12/88	ISSUED
RF DRIVE PULSE GENERATION IN ELECTROSURGICAL GENERATORS						
2128	CANAD	502333	02/20/86	1267438	04/03/90	ISSUED
RF DRIVE PULSE GENERATION IN ELECTROSURGICAL GENERATORS						
2128	JAPAN	38126/86	02/22/86			ABANDONED
RF DRIVE PULSE GENERATION IN ELECTROSURGICAL GENERATORS						
2129	JAPAN	519960/95	12/14/94			PENDING

PATENT

REEL: 010577 FRAME: 0688

PATENT

REEL: 023731 FRAME: 0703

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
TELESCOPING BIPOLAR ELECTRODE FOR NON-INVASIVE MEDICAL PROCEDURES						
2129 UM	GERWE	G9490471.5	12/14/94	G9490471.5	09/26/96	ISSUED
TELESCOPING BIPOLAR ELECTRODE FOR NON-INVASIVE MEDICAL PROCEDURES						
2133	USA	103022	09/30/87	4931047	06/05/90	ISSUED
METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE FRAGMENTATION AND/OR HEMOSTASIS						
2133	AUSAL	25382/88	09/29/88	616699	03/03/92	ISSUED
METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE FRAGMENTATION AND/OR HEMOSTASIS						
2133	CANAD	578785	09/29/88	1323665	10/26/93	ISSUED
METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE FRAGMENTATION AND/OR HEMOSTASIS						
2133	#EPO	88309125.8	09/30/88	0310431	11/02/94	ISSUED
METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE FRAGMENTATION AND/OR HEMOSTASIS						
2133	FRANC	88309125.8	09/30/88	0310431	11/02/94	ISSUED
METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE FRAGMENTATION AND/OR HEMOSTASIS						
2133	UNIKN	88309125.8	09/30/88	0310431	11/02/94	ISSUED

PATENT

REEL: 010577 FRAME: 0689

PATENT

REEL: 023731 FRAME: 0704

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
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METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE FRAGMENTATION AND/OR HEMOSTASIS						
2133	GERWE	88309125.8	09/30/88	P3852055.2	11/02/94	ISSUED
METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE FRAGMENTATION AND/OR HEMOSTASIS						
2133	ITALY	88309125.8	09/30/88	0310431	11/02/94	ISSUED
METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE FRAGMENTATION AND/OR HEMOSTASIS						
2133	HOLLN	88309125.8	09/30/88	0310431	11/02/94	ISSUED
METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE FRAGMENTATION AND/OR HEMOSTASIS						
2133	SPAIN	88309125.8	09/30/88	0310431	11/02/94	ISSUED
METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE FRAGMENTATION AND/OR HEMOSTASIS						
2133	JAPAN	63-508237	09/29/88	2123559	06/08/94	ISSUED
METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE FRAGMENTATION AND/OR HEMOSTASIS						
2133 CON	USA	504453	04/03/90	5015227	05/14/91	ISSUED
METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE FRAGMENTATION AND/OR HEMOSTASIS						

PATENT

REEL: 010577 FRAME: 0690

PATENT

REEL: 023731 FRAME: 0705

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2133 CON	AUSAL	76741/91	03/27/91	638830	11/12/93	ISSUED

METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE
FRAGMENTATION AND/OR HEMOSTASIS

2133 CON	CANAD	2075902	03/27/91	2075902	03/31/98	ISSUED
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METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE
FRAGMENTATION AND/OR HEMOSTASIS

2133 CON	#EPO	91908076.2	03/27/91	0523174	06/01/94	ISSUED
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METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE
FRAGMENTATION AND/OR HEMOSTASIS

2133 CON	FRANC	91908076.2	03/27/91	0523174	06/01/94	ISSUED
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METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE
FRAGMENTATION AND/OR HEMOSTASIS

2133 CON	UNIKN	91908076.2	03/27/91	0523174	06/01/94	ISSUED
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METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE
FRAGMENTATION AND/OR HEMOSTASIS

2133 CON	GERWE	91908076.2	03/27/91	69102271.2	06/01/94	ISSUED
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METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE
FRAGMENTATION AND/OR HEMOSTASIS

2133 CON	ITALY	91908076.2	03/27/91	0523174	06/01/94	ISSUED
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METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE
FRAGMENTATION AND/OR HEMOSTASIS

PATENT

REEL: 010577 FRAME: 0691

PATENT

REEL: 023731 FRAME: 0706

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
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2133 CON	HOLLN	91908076.2	03/27/91	0523174	06/01/94	ISSUED
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METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE
FRAGMENTATION AND/OR HEMOSTASIS

2133 CON	SPAIN	91908076.2	03/27/91	0523174	06/01/94	ISSUED
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METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE
FRAGMENTATION AND/OR HEMOSTASIS

2133 CON	JAPAN	507604/91	03/27/91	1917126	10/28/94	ISSUED
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METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE
FRAGMENTATION AND/OR HEMOSTASIS

2133 UM	GERWE	G9213284.7	03/27/91	G9190051.4	05/13/93	ISSUED
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METHOD AND APPARATUS FOR PROVIDING ENHANCED TISSUE
FRAGMENTATION AND/OR HEMOSTASIS

2134	USA	08/970472	11/14/97			PENDING
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PUSH YOKE FOR LAPAROSCOPIC ELECTROSURGICAL TOOL

2163 PRO	USA		09/23/98			PENDING
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CONTAMINATION AND DIELECTRIC SEAL FOR ELECTROSURGICAL
DEVICES

2168 PRO	USA		09/25/98			PENDING
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APPARATUS FOR FRAGMENTING AND ASPIRATING TISSUE

PATENT

REEL: 010577 FRAME: 0692

PATENT

REEL: 023731 FRAME: 0707

REP #66

Cases By Filing Date

Division: VL

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
2171 PRO	USA		09/25/98			PENDING
SURGICAL SYSTEM CONSOLE						
2172 PRO	USA		09/25/98			PENDING
IMPROVED ULTRASONIC SURGICAL APPARATUS						
D-5099	USA	29/036610	02/08/95	D372582	08/13/96	ISSUED
A HANDPIECE ASSEMBLY SET						
D-5100	USA	29/034414	02/03/95	D372086	07/23/96	ISSUED
SMOKE EVACUATION PENCIL ATTACHMENT						
D-5100	UNIKN	2049166	07/28/95			PENDING
SMOKE EVACUATION PENCIL ATTACHMENT						
D-5101	USA	29/059646	08/27/96	D393067	03/31/98	ISSUED
ELECTROSURGICAL PENCIL						
D-5102	USA	649242	09/10/84	287879	01/20/87	ISSUED
ELECTROSURGICAL HANDLE						

PATENT

REEL: 010577 FRAME: 0693

PATENT

REEL: 023731 FRAME: 0708

REP #66

Cases By Filing Date

Division: VL

Case Number	Country	Appln. No.	Filing Date	Patent No.	Issue Date	Status
=====						
D-5103	USA	29/007162	04/19/93	D352780	11/22/94	ISSUED
		A LAPAROSCOPIC HANDPIECE				
D-5109	USA		09/25/98			PENDING
		SURGICAL SYSTEM CONSOLE				

RECORDED: 02/24/2000

PATENT
REEL: 010577 FRAME: 0694

PATENT

RECORDED: 01/05/2010

REEL: 023731 FRAME: 0709