

12-05-2000



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PATENT
03141-P0286A WWW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

11-10-00

Assignor:	Perkin-Elmer Corporation
Assignee:	Perkin Elmer LLC
Patent No. 4,766,287	Issue Date: August 23, 1988
Title of Application:	Inductively Coupled Plasma Torch With Adjustable Sample Injector

Box Assignment
Assistant Commissioner for Patents
Washington, DC 20231

Assignment Recordation Form Cover Sheet

Dear Sir:

Please record the attached original document.

1. Name of conveying party(ies). Perkin-Elmer Corporation.
2. Name and Address of Receiving Party. Perkin Elmer LLC; located at 761 Main Avenue; Norwalk, CT 06859-0119.
3. Nature of Conveyance: Assignment. Execution Date: July 18, 2000
4. Name and Address of Party to Whom Correspondence Concerning Document should be mailed.

Wesley W. Whitmyer, Jr., Registration No. 33,558
Attorney for Assignee
ST. ONGE STEWARD JOHNSTON & REENS LLC
986 Bedford Street
Stamford, CT 06905-5619
203 324-6155

Mailing Certificate: I hereby certify that this correspondence is today being deposited with the U.S. Postal Service as *First Class Mail* in an envelope addressed to: Box Assignment; Commissioner of Patents and Trademarks; Washington, DC 20231.

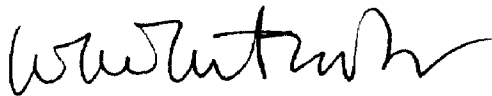
November 13, 2000


Danielle Dominici

PATENT
REEL: 011284 FRAME: 0782

5. Patent Number: 4,766,287.
6. Total Number of Patents Involved: 1.
7. Total Fee (37 CFR 3.41). \$40.00 due. A check for this amount is enclosed.
8. Authorization to Charge Deposit Account. The Commissioner is hereby authorized to charge any additional fees due by this paper and during the entire pendency of this Application to Account No. 19-4516.
9. Statement and Signature. Total number of pages including cover sheet, attachments and document are 16. To the best of my knowledge and belief, the foregoing information is true and correct.

Respectfully submitted,



Wesley W. Whitmyer, Jr., Registration No. 33 558
Attorney for Assignee
ST.ONGE STEWARD JOHNSTON & REENS LLC
986 Bedford Street; Stamford, CT 06905-5619
Telephone: 203 324-6155

CONFIRMATORY ASSIGNMENT

WHEREAS, Perkin Elmer LLC is desirous of recording its ownership of the patents and patent applications listed on the attached Exhibit A in the various Patent Offices throughout the world;

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is acknowledged, Perkin-Elmer Corporation whose post office address is 761 Main Avenue; Norwalk, CT 06859, hereby conveys, assigns and transfers its entire right, title and interest in and to the patents and patent applications listed on the attached exhibit A, including but limited to the right to sue and collect damages for past infringement of said Patents to Perkin Elmer LLC, a Delaware corporation whose post office address is, 761 Main Avenue; Norwalk, CT 06859.

Executed this 18th day of July, 2000, at Connecticut, [State].

(Assignor)

Perkin-Elmer Corporation (*now named PE Corporation (NY)*)

By 

Name: Thomas Livingston

Title: ~~Assistant~~ Secretary

State of Connecticut

County of Fairfield

SS.

Before me personally appeared Thomas Livingston and acknowledged the foregoing instrument to be his free act and deed this 18 day of July, 2000.

Notary Public

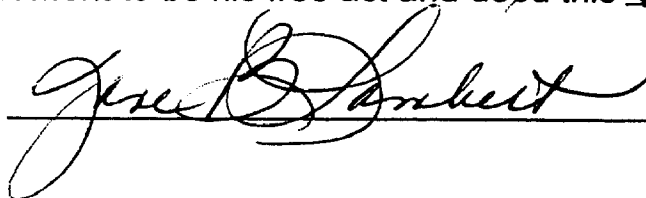


		EXHIBIT A							
Patent Number	Patent Title	Country	Status	Registration Number	Issue Date	Serial Number	File Date		
0065	Automatic Variable Filter For Use In Scanned Spectrometers	Sweden	Pending			11468-6	1973/04/23		
2103	Flame Ionization Detector Status Indicator	Japan	Pending			1608-48	1976/12/29		
2132	Detector Cell Assembly	Japan	Pending			60305066	1980/04/23		
2357	High Resolution Slipping Motor Drive	Japan	Pending			2794690/67	1987/11/06		
3602 (MWK/UT05B)	Line Frequency Slaved Voltage-To-Frequency Converter System	Japan	Granted	2,730,577	1987/12/10	02-205846	1990/09/02		
3808	Circuit For Synchronizing Digital Signals	Japan	Granted	3,060,314	2000/04/28	P3827768.2	1989/08/23		
3908	Application Of Kilmann Fibering To ICP Spectra	Germany	Pending			P4100046.3	1991/01/03		
3973	Quadrupole Mass Filter For Charged Particles	Germany	Pending			2-304227	1990/11/13		
3984	3 Point Bending Measuring System	Japan	Allowed	3,032,900	2000/02/18	P4110763.2	1991/04/03		
4014	Purifier Housing Mechanism For Use In Chromatography	Germany	Pending			3-73264031	1991/04/03		
4015	Purifier Housing Mechanism For Use In Chromatography	Japan	Granted	3,057,380	2000/04/21	199102405	1991/04/03		
4037	Vial Locator And Sensor	Canada	Pending			2,035,916	1991/02/07		
4043	Vial Locator And Sensor	Japan	Granted	5-108160	1993/09/30	33302718.1	1991/02/27		
4047	Circuit For Heating And Sensing With A Single Element	Europe	Granted	0498053		91121135.7	1991/12/10		
4048	Standardizing And Calibrating A Spectrometric Instrument	Canada	Granted	4,310,830		03-345215	1991/12/26		
4049	Standardizing And Calibrating A Spectrometric Instrument	Europe	Pending			2,087,360	1992/01/15		
4049	Standardizing And Calibrating A Spectrometric Instrument	Japan	Granted	560,006		97250178.7	1997/05/08		
4049	Standardizing And Calibrating A Spectrometric Instrument	Korea	Granted	6,082,307		05-037343	1993/02/03		
4049	Standardizing And Calibrating A Spectrometric Instrument	Korea	Granted	1937/83	2000/03/16	1937/93	1993/02/12		
4046	Photobeam Amplitude Linearity	Canada	Pending			2,087,821	1993/01/21		
4046	Photobeam Amplitude Linearity	Japan	Granted	6-88745	1988/03/29	05-023171	1993/01/19		
4046	Photobeam Amplitude Linearity	Korea	Granted	247,171	1998/12/10	728/93	1993/01/21		
4047	Inductively Coupled Plasma Generator	Japan	Pending			115168/93	1993/04/20		
4070	Single Element Thermal Conductivity Detector	Japan	Pending	5-223171	1983/06/31	241447/82	1992/08/19		
4076	Absorbance Connection In Atomic Absorption Spectroscopy	Germany	Pending			P4240301.4	1992/12/01		
4091	Method And Apparatus For Heating A Thermionic Detector Source	Germany	Granted			P4237167.8	1992/11/04		
4091	Method And Apparatus For Heating A Thermionic Detector Source	Japan	Granted			04-327513	1992/11/13		
4126	Sampling Conditioning Method & Apparatus	Europe	Pending	5-256122	1993/10/08	91903988.3			
4133	Optical Switching Apparatus With Retroreflector	Germany	Pending			19303886.3			
4133	Optical Switching Apparatus With Retroreflector	Japan	Granted	7,287,178		18502431.1	1995/01/26		
4137	Grouping Of Spectral Bands For Data Acquisition	Canada	Allowed			38597195	1995/02/27		
4137	Grouping Of Spectral Bands For Data Acquisition	Europe	Granted	0615115		2,115,056	1994/02/17		
4137	Grouping Of Spectral Bands For Data Acquisition	Japan	Granted	6,300,828	2000/04/26	94103598.2	1994/03/08		
4137	Hybrid Valving System For Varying Fluid Flow Rate	Canada	Allowed			38743/94	1994/03/08		
4317	Hybrid Valving System For Varying Fluid Flow Rate	Europe	Granted	0638958	2000/04/27	2,128,496	1994/06/22		
4317	Hybrid Valving System For Varying Fluid Flow Rate	Japan	Granted	7,078,032		94103691.5	1994/06/27		
4369	Neblizer	Europe	Published	0893920		17702594	1994/07/28		
4382	Neblizer	Japan	Pending			95109736.9	1995/06/22		
4382	Optical Spectrometer For Detecting Spectra In Separate Range	Australia	Pending			180304/95	1995/07/17		
4382	Optical Spectrometer For Detecting Spectra In Separate Range	Europe	Granted	713,783	1996/05/24	524891/86	1996/06/24		
4382	Optical Spectrometer For Detecting Spectra In Separate Range	Japan	Pending	0744598		96107288.1	1996/08/08		
4385	Apparatus And Method For Differential Analysis Using Signals	Europe	Pending	0763196		1321420/96	1996/05/27		
4385	Apparatus And Method For Differential Analysis Using Signals	Europe	Pending	0803061		95821345.5	1995/05/22		
4385	Apparatus And Method For Differential Analysis Using Signals	Japan	Pending			85821344.6	1995/05/22		
4385	Apparatus And Method For Differential Analysis Using Signals	Japan	Pending			8500987	1996/11/29		
4392	Apparatus And Method For Differential Analysis Using Signals	Australia	Pending			8500986	1996/11/29		
4392	Spectrometer With Selectable Radiation From Light Source	Europe	Granted	710,068	2000/01/20	34315/95	1995/10/17		
4392	Spectrometer With Selectable Radiation From Light Source	Europe	Pending	0708324		95115662.9	1995/10/04		
4411	Spectrometer With Selectable Radiation From Light Source	Japan	Pending			271037/95	1995/10/19		
4411	Flow Regulation In Gas Chromatograph	Australia	Allowed			45801/96	1996/02/28		
4411	Flow Regulation In Gas Chromatograph	Canada	Pending			2,170,080	1996/02/22		
4411	Flow Regulation In Gas Chromatograph	Europe	Pending	0720151		96103168.7	1996/03/01		

4411	P0047AJP	Flow Regulation In Gas Chromatograph	Japan	Pending			45751066	1896/03/01
4412	P0048AEP	Solid State Inductively Coupled Plasma Generator	Europe	Pending	0851572		97271804.5	1897/12/12
4413	P0049AJP	Solid State Inductively Coupled Plasma Generator	Japan	Published			10000481	1994/01/05
4430	P0049AEP	Gas Chromatographic System With Controlled Sample Transfer	Europe	Pending	0770488		96117016.4	1996/10/23
4431	P0050AJP	Gas Chromatographic System With Controlled Sample Transfer	Japan	Pending			961138106	1996/10/23
4431	P0050AEP	Cashmeter Having Rapid Counting Of A Heating Vessel Therein	Europe	Granted	0776453	1987/06/11	96119387.7	1996/12/03
4432	P0051AJP	Cashmeter Having Rapid Counting Of A Heating Vessel Therein	Japan	Granted	9,178,577	1987/07/11	128555206	1996/12/03
4432	P0051AEP	Thermal Insulating Container For Liquefied Gas	Europe	Published			96113491.3	1996/10/22
4433	P0052AJP	Thermal Insulating Container For Liquefied Gas	Japan	Pending			266894486	1996/09/06
4433	P0052AEP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Europe	Pending	0776439		96119385.1	1996/12/03
4434	P0053AJP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Japan	Pending			328654496	1996/12/03
4434	P0053AEP	Fluid Conveying Device With Removable Connection	Europe	Published	0782033	2000/06/14	96113480.5	1996/10/22
4435	P0054AJP	Fluid Conveying Device With Removable Connection	Japan	Pending			96113480.5	1996/10/22
4435	P0054AEP	Dry Gas Curtain For Cryogenic Surface	Europe	Pending	0782034		266894486	1996/09/06
4440	P0055AJP	Dry Gas Curtain For Cryogenic Surface	Japan	Pending			96110536.2	1996/10/24
4440	P0055AEP	Standardizing A Spectrometric Instrument	Europe	Pending			334440364	1996/10/24
4440	P0055AJP	Standardizing A Spectrometric Instrument	Japan	Pending			335550087	1997/12/19
4440	P0055AEP	Standardizing A Spectrometric Instrument	Europe	Pending	6,049,762	2000/04/11	97122558.6	1997/12/19
4443	P0056AJP	Apparatus For Controlling Level Of Cryogenic Liquid	Japan	Granted			96119383.482	1997/12/18
4443	P0056AEP	Apparatus For Controlling Level Of Cryogenic Liquid	Europe	Pending			96119386.9	1996/12/03
4445	P0057AJP	Standardizing Between Analytical Instruments	Japan	Pending	0651219		328916096	1996/12/03
4445	P0057AEP	Standardizing Between Analytical Instruments	Europe	Pending			97122551.1	1997/12/19
4456	P0057AJP	Standardizing Between Analytical Instruments	Japan	Pending	0878712		353748097	1997/12/19
4457	P0058AJP	Standardizing Between Analytical Instruments	Europe	Pending			08893,483	1997/12/18
4457	P0058AEP	Standardizing Of Chromatographic Systems	Japan	Pending			98106041.6	1996/05/18
4457	P0058AJP	Standardizing Of Chromatographic Systems	United States	Granted	5,934,245	1998/09/28	13573798	1996/05/18
4458	P0059AJP	Heater Control Circuit	Japan	Pending			0910231	1996/05/14
4471	P0062AJP	Mounting Apparatus For Induction Coupled Plasma Torch	Japan	Pending			1082097	1997/10/08
4471	P0062AEP	Mounting Apparatus For Induction Coupled Plasma Torch	Europe	Pending	0910231		981189130.7	1996/10/09
4472	P0063AJP	Ion Detector, Detector Array And Instrument Using Same	Japan	Pending	0889764		283630098	1996/10/15
4472	P0063AEP	Ion Detector, Detector Array And Instrument Using Same	Europe	Pending			97920359.3	1996/10/20
4479	P0064AJP	Analyzing Spectrometric Data	Japan	Pending	0884726		9-631,249	1996/10/12
4479	P0064AEP	Analyzing Spectrometric Data	Europe	Pending			9711774.9	1997/10/02
4479	P0064AJP	Analyzing Spectrometric Data	Japan	Pending			27105097	1997/10/03
4479	P0064AEP	Analyzing Spectrometric Data	Europe	Pending	5,029,115	2000/01/22	081840,576	1997/09/20
4484	P0065AJP	Soft Aligning Optical Fiber Terminator	United States	Granted			09285,262	1996/04/02
4484	P0065AEP	Soft Aligning Optical Fiber Terminator	Australia	Pending			4046897	1997/07/20
4483	P0066AJP	Tunable External Cavity Diode Laser	Canada	Pending			2,251,036	1997/07/28
4483	P0066AEP	Tunable External Cavity Diode Laser	Europe	Pending			10509031	1996/01/26
4483	P0066AJP	Tunable External Cavity Diode Laser	Japan	Pending	0828717		97115653.4	1997/09/09
4488	P0067AJP	Backwashing System For Gas Chromatography	Japan	Pending			26087797	1997/09/16
4488	P0067AEP	Backwashing System For Gas Chromatography	Europe	Pending	0828717		981068022.4	1998/04/15
4531	P0070AJP	Method And Apparatus To Compensate For Gas Chromatography	Japan	Pending	0828717		105122098	1998/04/15
4531	P0070AEP	Method And Apparatus To Compensate For Gas Chromatography	Europe	Pending			60122,972	1998/03/05
4531	P0070AJP	Method And Apparatus To Compensate For Gas Chromatography	Japan	Pending			08285,063	1998/02/12
4538	P0071AJP	Autosampler	United States	Pending			04-346133	1992/12/02
4590	P0073AJP	Autosampler Having Gripper With Shape Memory Metal Actuator	United States	Pending				
4590	P0073AEP	Absorbance Correction In Atomic Absorption Spectroscopy	Japan	Granted	5,210,704			
4076	P0079AJP	Computer Control Cable Multi-Port Valve	Japan	Granted	1,361,134	1987/01/20		
3578	P0085AEP	Regulated Deuterium Arc System Supply	Europe	Granted	0254326			
4385	P0085AJP	Apparatus And Method For Differential Analysis Using Signals	United States	Pending			8711075.1	1987/01/24
4385	P0085AEP	Apparatus And Method For Differential Analysis Using Signals	Europe	Granted	6,540,387	1996/08/27	09085,762	1988/04/23
3884	P0021AEP	3 Point Bending Measuring System	Europe	Granted	0428010	1994/06/01	08282,687	1994/06/01
4133	P0039AJP	Optical Switching Apparatus With Retroreflector	United States	Granted	5,441,631	1996/01/02	90120859.5	1994/10/31
4137	P0089AJP	Grouping Of Spectral Bands For Data Acquisition	United States	Granted	5,412,468	1995/05/02	08020,848	1994/02/25
2495	P0089AEP	Automatic Temperature Calibration Of Thermal Analyzers	Japan	Pending			08020,848	1994/02/25
3568	P0081AJP	Deposited Glass Fibers	United States	Pending			22320,040	1980/02/26
4086	P0081AEP	Photometric Instrument With Optical Fibers For Analyzing	Great Britain	Granted	2,240,026	1994/01/21	9412352.6	1994/06/20
4472	P0083AWO	Ion Detector, Detector Array And Instrument Using Same	PCT	Published			PCT/US97/08077	1997/04/11

4472	P0063A	Ion Detector, Detector Array And Instrument Using Same	United States	Pending		09/180,167	1989/11/03
4493	P0066B	Tunable External Cavity Diode Laser	United States	Pending		09/230,499	1990/01/26
2714	P0063AEP	Solvent Delivery System	Europe	Granted	0085171	1984/06/13	1982/01/26
2714	P0063AFR	Solvent Delivery System	France	Granted	0085171	1984/06/13	1982/01/27
2714	P0063AFC	Solvent Delivery System	Germany	Granted	2,347,034/7,6	1984/06/13	1982/01/27
2714	P0063AHL	Solvent Delivery System	Japan	Granted	0085171	1984/06/13	1982/01/27
2714	P0063AAT	Solvent Delivery System	Japan	Granted	0085171	1984/06/13	1982/01/27
2714	P0063AJP	Solvent Delivery System	Japan	Granted	0085171	1984/06/13	1982/01/27
2714	P0063ASE	Solvent Delivery System	Sweden	Granted	1,764,707	1984/06/13	1982/01/28
2714	P0063ACH	Solvent Delivery System	Switzerland	Granted	0085171	1984/06/13	1982/01/27
2714	P0063ACB	Solvent Delivery System	United States	Granted	0085171	1984/06/13	1982/01/27
2714	P0063A	Solvent Delivery System	United States	Granted	4,536,367	1984/06/13	1982/01/27
2765	P0066AFR	Spectrophotometer Gas Control System	France	Granted	0089204	1987/09/16	1984/07/20
2766	P0067ACB	Fluid Flow Control Device	Great Britain	Granted	2,035,614	1984/09/20	1981/08/25
2851	P008BADE	Optical Beam Splitter	Germany	Granted	P1265493,6	1985/08/21	1982/01/29
2851	P008BAJP	Optical Beam Splitter	Japan	Granted	1,792,015	1983/10/14	1982/03/02
2851	P008BACH	Optical Beam Splitter	Switzerland	Granted	0059836	1985/08/21	1982/01/29
2851	P008BAGB	Optical Beam Splitter	United States	Granted	4,497,477	1984/12/11	1985/02/28
2851	P008BA	Optical Beam Splitter	United States	Granted	4,497,477	1984/12/11	1985/02/28
2873	P0099ADE	Apparatus Useful With A Chromatography Column	Germany	Granted	P1273842,0	1986/10/15	1982/07/17
2873	P0099ACH	Apparatus Useful With A Chromatography Column	Switzerland	Granted	0076659	1986/10/15	1982/07/19
2873	P0099ACB	Apparatus Useful With A Chromatography Column	Great Britain	Granted	0075689	1986/10/15	1982/07/19
2772	P0100ADE	Apparatus And Method Useful For Analyzing Refractory Substances	Germany	Granted	3,035,580	1993/06/13	1982/07/17
2772	P0100AJP	Apparatus Useful For Analyzing Refractory Substances	Japan	Granted	1,676,551	1992/06/26	1992/02/16
2772	P0100A	Apparatus Useful For Analyzing Refractory Substances	United States	Granted	4,490,354	1988/09/23	1981/02/29
2760	P0101A	Apparatus Useful For Producing A Light Filter	United States	Granted	4,419,575	1988/09/23	1981/08/02
2876	P0102AEP	Control Circuit For Liquid Chromatograph	Europe	Granted	0085172	1987/11/11	1982/12/17
2876	P0102AFR	Control Circuit For Liquid Chromatograph	France	Granted	0085172	1987/11/11	1982/12/17
2876	P0102ADE	Control Circuit For Liquid Chromatograph	Germany	Granted	P1277646,9	1987/11/11	1982/12/17
2876	P0102AJP	Control Circuit For Liquid Chromatograph	Japan	Granted	0085172	1987/11/11	1982/12/17
2876	P0102A	Control Circuit For Liquid Chromatograph	Japan	Granted	1,755,762	1987/11/11	1982/12/17
2876	P0102ASE	Control Circuit For Liquid Chromatograph	Sweden	Granted	0085172	1987/11/11	1982/12/17
2876	P0102ACH	Control Circuit For Liquid Chromatograph	Switzerland	Granted	0085172	1987/11/11	1982/12/17
2876	P0102ACB	Control Circuit For Liquid Chromatograph	Great Britain	Granted	0085172	1987/11/11	1982/12/17
2876	P0102A	Control Circuit For Liquid Chromatograph	United States	Granted	4,450,574	1988/05/22	1982/01/29
2848	P0102AFR	Spectrophotometer	France	Granted	0087568	1987/01/07	1983/01/20
2848	P0102ADE	Spectrophotometer	Germany	Granted	P3368984,9	1987/01/07	1983/01/20
2848	P0102ACH	Spectrophotometer	Great Britain	Granted	0087568	1987/01/07	1983/01/20
2848	P0102ACB	Spectrophotometer	United States	Granted	4,464,051	1987/01/07	1983/01/20
2848	P0102AFR	Liquid Level Sensor	France	Granted	0129120	1988/08/17	1984/05/30
2848	P0102ADE	Liquid Level Sensor	Germany	Granted	P13473509,7	1988/08/17	1984/05/30
2848	P0102ACH	Liquid Level Sensor	Switzerland	Granted	0129120	1988/08/17	1984/05/30
2848	P0102ACB	Liquid Level Sensor	Great Britain	Granted	0129120	1988/08/17	1984/05/30
2848	P0102A	Liquid Level Sensor	United States	Granted	4,532,798	1988/08/17	1984/05/30
2848	P0102A	Liquid Level Sensor	United States	Granted	4,417,168	1988/08/17	1984/05/30
2848	P0102A	Control Circuit For Stepper Motor	Germany	Granted	3,572,537,0	1988/08/23	1984/05/30
3007	P0106ADE	L.C. Sample Cell	Japan	Granted	1,828,835	1989/05/12	1985/11/30
3007	P0106AJP	L.C. Sample Cell	Japan	Granted	0154172	1989/05/12	1985/11/30
3007	P0106ASE	Sample Cell Temperature Stabilizer	Sweden	Granted	0154172	1989/05/12	1985/11/30
3007	P0106ACH	Sample Cell Temperature Stabilizer	Switzerland	Granted	0154172	1989/05/12	1985/11/30
3007	P0106AGB	L.C. Sample Cell	Great Britain	Granted	0154172	1989/05/12	1985/11/30
3007	P0106A	Sample Cell Temperature Stabilizer	United States	Granted	4,598,765	1989/05/14	1984/02/28
3048	P0106AAU	Furnace Positioning Mechanism	Australia	Granted	551,564	1987/05/14	1983/08/28
3048	P0106ADE	Furnace Positioning Mechanism	Germany	Granted	P3378594,5	1988/01/10	1983/08/28
3048	P0106AJP	Furnace Positioning Mechanism	Japan	Granted	0101982	1988/01/10	1983/08/28
3048	P0106A	Thin Dye Soda Glass Coated To Protect From Contact	Italy	Granted	0101982	1988/01/10	1983/08/28
3048	P0106A	The Use Of Thin Dye Soda Glass Appropriately Coated To	Great Britain	Granted	0101982	1988/01/10	1983/08/28
3061	P0110AEP	Ship Switch Assembly	Europe	Granted	0131226	1988/03/30	1984/07/19

3061	P0110ABE	Slip Clutch Assembly	Belgium	Granted	0,133,226	1966/03/30	64108028,6	1964/7/8
3061	P0110AFR	Slip Clutch Assembly	France	Granted	0,133,226	1966/03/30	64108028,6	1964/7/8
3061	P0110ADE	Coupler Mechanism	Germany	Granted	3,470,189.0	1966/03/30	64108028,6	1964/7/8
3061	P0110ANL	Slip Clutch Assembly	Netherlands	Granted	0,133,226	1966/03/30	64108028,6	1964/7/8
3061	P0110ANT	Slip Clutch Assembly	Italy	Granted	0,133,226	1966/03/30	64108028,6	1964/7/8
3061	P0110ACH	Slip Clutch Assembly	Switzerland	Granted	0,133,226	1966/03/30	64108028,6	1964/7/8
3061	P0110A	Slip Clutch Assembly	United States	Granted	4,560,050	1965/12/24	665,17,080	1963/07/25
3076	P0111AEP	Spectrophotometer	Europe	Granted	0,135,761	1967/10/05	64108506,0	1964/08/09
3076	P0111AFR	Spectrophotometer	Belgium	Granted	0,135,761	1967/10/05	64108506,0	1964/08/09
3076	P0111AGR	Spectrophotometer	France	Granted	0,135,761	1967/10/05	64108506,0	1964/08/09
3076	P0111ADE	Optical Design Of Fourier Transform Spectrophotometer	Germany	Granted	P-3484668,9	1967/10/05	64108506,0	1964/08/09
3076	P0111ANL	Spectrophotometer	Netherlands	Granted	0,135,761	1967/10/05	64108506,0	1964/08/09
3076	P0111ANT	Spectrophotometer	Italy	Granted	0,135,761	1967/10/05	64108506,0	1964/08/09
3076	P0111AJP	Optical Design Of Fourier Transform Spectrophotometer	Japan	Granted	1,800,723	1967/11/12	64109508,0	1964/08/09
3076	P0111ACH	Spectrophotometer	Switzerland	Granted	0,135,761	1967/10/05	64109506,0	1964/08/09
3076	P0111AGB	Spectrophotometer	Great Britain	Granted	0,135,761	1967/10/05	64109506,0	1964/08/09
3076	P0111A	Spectrophotometer	United States	Granted	4,740,082	1966/04/26	66/836,655	1964/04/24
3101	P0111A	Solvent Pressurizing System	United States	Granted	4,448,684	1964/05/15	66/461,789	1964/07/12
3109	P0111A	Liquid Chromatography Controller	United States	Granted	4,618,835	1966/10/21	66/588,765	1964/07/10
3111	P0111A	Pulse Damper	United States	Granted	4,548,713	1965/10/22	66/585,664	1964/03/02
3111	P0111ADE	RTV Pulse Damper	Germany	Granted	3585429,5	1968/10/05	3585429	1964/10/05
3111	P0111AJP	RTV Pulse Damper	Japan	Granted				
3111	P0111ASE	Pulse Damper	Sweden	Granted	0,158,132	1968/10/05	65101262,5	1965/02/06
3111	P0111ACH	Pulse Damper	Switzerland	Granted	0,158,132	1968/10/05	65101262,5	1965/02/06
3111	P0111AGB	Pulse Damper	Great Britain	Granted	0,158,132	1968/10/05	65101262,5	1965/02/06
3138	P0116AAJ	Holder Assembly For Reaction Tubes	Australia	Allowed	705,769	1969/06/24	32081185	1963/08/27
3138	P0117AAJ	KCP Bad Plasma Detector	Australia	Allowed	705,769	1969/06/24	32081185	1963/08/27
3135	P0115AEP	Instantaneous Reading Multichannel Polychromatic Spectrophot	Europe	Granted	0,192,200	1966/03/06	66101901,6	1966/02/14
3135	P0115AFR	Instantaneous Reading Multichannel Polychromatic Spectrophot	France	Granted	0,192,200	1966/03/06	66101901,6	1966/02/14
3135	P0115ADE	A Novel Array Spectrometer	Germany	Granted	3650491,2	1966/03/06	3650491	1966/03/06
3135	P0115ANL	Instantaneous Reading Multichannel Polychromatic Spectrophot	Netherlands	Granted	0,192,200	1966/03/06	66101901,6	1966/02/14
3135	P0115AJP	A Novel Array Spectrometer	Japan	Granted	2,602,809	1967/10/29	66101901,6	1966/02/14
3135	P0115ACH	Instantaneous Reading Multichannel Polychromatic Spectrophot	Switzerland	Granted	0,192,200	1966/03/06	66101901,6	1966/02/14
3135	P0115AGB	Instantaneous Reading Multichannel Polychromatic Spectrophot	Great Britain	Granted	0,192,200	1966/03/06	66101901,6	1966/02/14
3135	P0115A	Instantaneous Reading Multichannel Polychromatic Spectrophot	United States	Granted	4,678,917	1967/07/07	66/703,260	1965/02/19
3138	P0116ADE	Holder Assembly For Reaction Tubes	Germany	Granted	340,765	1964/12/22	340,765	1964/02/27
3138	P0116AJP	Holder Assembly For Reaction Tubes	Japan	Granted	1,919,140	1965/04/07	33468/4	1964/02/28
3138	P0116A	Holder Assembly For Reaction Tubes	United States	Granted	5,032,263	1967/10/16	66/882,017	1964/02/28
3139	P0117A	Apparatus For Monitoring a Plasma Torch	United States	Granted	4,640,827	1967/10/20	66/828,758	1964/08/26
3142	P0118AEP	An Apparatus And Method For Optimizing Separation Of An Unkn	Europe	Granted	0,175,925	1962/09/20	65110513,0	1965/08/21
3142	P0118AFR	An Apparatus And Method For Optimizing Separation Of An Unkn	France	Granted	0,175,925	1962/09/20	65110513,0	1965/08/21
3142	P0118ADE	An Apparatus And Method For Optimizing The Separation Of An Unkn	Germany	Granted	P-3386705,1	1962/09/20	65110513,0	1965/08/21
3142	P0118ANL	An Apparatus And Method For Optimizing The Separation Of An Unkn	Netherlands	Granted	0,175,925	1962/09/20	65110513,0	1965/08/21
3142	P0118AJP	An Apparatus And Method For Optimizing The Separation Of An Unkn	Japan	Granted	2,075,811	1966/07/25	65110513,0	1965/08/21
3142	P0118ACH	An Apparatus And Method For Optimizing Separation Of An Unkn	Switzerland	Granted	0,175,925	1962/09/20	65110513,0	1965/08/21
3142	P0118AGB	An Apparatus And Method For Optimizing Separation Of An Unkn	Great Britain	Granted	0,175,925	1962/09/20	65110513,0	1965/08/21
3142	P0118A	Apparatus And Method For Optimizing Separation Of A Sample	United States	Granted	4,579,653	1968/04/01	66/653,256	1964/08/24
3143	P0119A	Production Of Flexible Glass Capillary Tubing Without Extern	United States	Granted				
3162	P0120A	Light Detector Apparatus	United States	Granted	5,072,345	1967/12/17	66/753,370	1965/07/09
3163	P0121A	Sample Cell Temperature Stabilizer	United States	Granted	4,509,477	1966/05/20	66/578,660	1964/02/03
3173	P0123AEP	Compensator Plate Adjustment For Beam Splitter	Europe	Granted	0,137,206	1967/10/23	64109507,8	1964/08/09
3173	P0123ADE	Compensator Plate Adjustment For Beam Splitter	Belgium	Granted	0,137,206	1967/10/23	64109507,8	1964/08/09
3173	P0123AFR	Compensator Plate Adjustment For Beam Splitter	France	Granted	0,137,206	1967/10/23	64109507,8	1964/08/09
3173	P0123AGB	Compensator Plate Adjustment For Beam Splitter	Germany	Granted	P-3483982,5	1967/10/23	64109507,8	1964/08/09
3173	P0123ANL	Compensator Plate Adjustment For Beam Splitter	Netherlands	Granted	0,137,206	1967/10/23	64109507,8	1964/08/09
3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Japan	Granted	0,137,206	1967/10/23	64109507,8	1964/08/09
3173	P0123A	Compensator Plate Adjustment For Beam Splitter	Italy	Granted	0,137,206	1967/10/23	64109507,8	1964/08/09

3173	P0132AJP	Compensator Plate Adjustment For Beam Splitter	Japan	Granted	2,131,945	1986/04/12		
3173	P0132ACH	Compensator Plate Adjustment For Beam Splitter	Switzerland	Granted	0,137,208	1987/10/12/3	84,109,607.8	1984/08/09
3173	P0132AGB	Compensator Plate Adjustment For Beam Splitter	Great Britain	Granted	0,137,208	1987/10/12/3	84,109,607.8	1984/08/09
3173	P0132A	Assembly For Adjusting An Optical Element	United States	Granted	4,735,505	1986/04/05	06,577,885	1984/04/08
3175	P0124ABE	Purge Shutter Mechanism	Belgium	Granted	0,144,539	1989/03/08		
3175	P0124ADE	Purge Shutter Mechanism	Germany	Granted	3,479,331.3	1989/03/08		
3175	P0124AHL	Purge Shutter Mechanism	Netherlands	Granted	0,144,539	1989/03/08		
3175	P0124AIT	Purge Shutter Mechanism	Italy	Granted	0,144,539	1989/03/08		
3175	P0124AJP	Purge Shutter Mechanism	Japan	Granted	1,772,551	1989/07/14		
3175	P0124ACH	Purge Shutter Mechanism	Switzerland	Granted	0,144,539	1989/03/08		
3176	P0124A	Purge Shutter Mechanism	United States	Granted	0,144,539	1989/03/08		
3176	P0125AEP	Digital Control For Rapid Retit Of A Liquid Chromatograph	Europe	Granted	4,603,835	1986/04/05	08,548,952	1983/11/08
3176	P0125AFR	Digital Control For Rapid Retit Of A Liquid Chromatograph	France	Granted	0,194,450	1987/10/12/3	86,101,623	1986/02/07
3176	P0125ADE	Digital Control For Rapid Retit Of A Liquid Chromatograph P	Germany	Granted	36,770,29.8	1987/10/12/3	36,770,29	1987/10/12/3
3176	P0125AHL	Digital Control For Rapid Retit Of A Liquid Chromatograph	Netherlands	Granted	0,194,450	1987/10/12/3		
3176	P0125AIT	Digital Control For Rapid Retit Of A Liquid Chromatograph	Italy	Granted	0,194,450	1987/10/12/3		
3176	P0125AJP	Digital Control For Rapid Retit Of A Liquid Chromatograph	Japan	Granted	1,978,685	1985/10/17		
3176	P0125ASE	Digital Control For Rapid Retit Of A Liquid Chromatograph	Sweden	Granted	0,194,450	1987/10/12/3		
3176	P0125ACH	Digital Control For Rapid Retit Of A Liquid Chromatograph P	Switzerland	Granted	0,194,450	1987/10/12/3		
3176	P0125AGB	Digital Control For Rapid Retit Of A Liquid Chromatograph P	Great Britain	Granted	0,194,450	1987/10/12/3		
3176	P0125A	Digital Control For Rapid Retit Of A Liquid Chromatograph P	United States	Granted	0,194,450	1987/10/12/3		
3196	P0126AEP	Interferometer Mirror Adjustment	Europe	Granted	4,643,649	1987/10/21/7	06,700,765	1985/02/11
3196	P0126AFR	Interferometer Mirror Adjustment	France	Granted	0,158,173	1985/11/02	85,103,202	1985/03/19
3196	P0126ADE	Interferometer Mirror Adjustment	Germany	Granted	P,357,403,89.0	1985/11/02	357,403,89	1985/11/02
3196	P0126AJP	Interferometer Mirror Adjustment	Japan	Granted	1,976,664	1985/06/30		
3196	P0126AGB	Interferometer Mirror Adjustment	Great Britain	Granted	0,158,173	1985/11/02		
3196	P0126A	Assembly For Positioning An Optical Element	United States	Granted	0,158,173	1985/11/02		
3213	P0128AEP	Micro Argon Detector	Europe	Granted	4,621,889	1986/11/11	06,588,766	1984/04/08
3213	P0128AFR	Micro Argon Detector	France	Granted	0,184,892	1987/08/19	85,305,186.9	1985/07/22
3213	P0128ADE	Micro Argon Detector	Germany	Granted	0,184,892	1987/08/19	85,305,186.9	1985/07/22
3213	P0128AHL	Micro Argon Detector	Netherlands	Granted	P,358,652,8.6	1987/08/19	85,305,186.9	1985/07/22
3213	P0128AJP	Micro Argon Detector	Japan	Granted	0,184,892	1985/07/12/3	27,932,865	1985/12/13
3213	P0128ACH	Micro Argon Detector	Switzerland	Granted	1,898,498	1985/07/12/3	85,305,186.9	1985/07/22
3213	P0128AGB	Micro Argon Detector	Great Britain	Granted	0,184,892	1987/08/19	85,305,186.9	1985/07/22
3213	P0128A	Ionization Detectors For Gas Chromatography	United States	Granted	4,740,885	1988/04/26	06,707,363	1985/10/15
3234	P0129A	Apparatus For Controlling A Plasma	United States	Granted	4,609,810	1988/08/02	06,724,313	1984/08/26
3255	P0130AEP	Liquid Chromatographic Cartridge Column System	Europe	Granted	0,161,493	1987/05/20	84,104,441	1985/04/12
3255	P0130AFR	Liquid Chromatographic Cartridge Column System	France	Granted	0,161,493	1987/05/20	85,104,441.2	1985/04/12
3255	P0130ADE	Liquid Chromatographic Cartridge Column System	Germany	Granted	P,358,652,8.6	1987/05/20	85,104,441.2	1985/04/12
3255	P0130AHL	Liquid Chromatographic Cartridge Column System	Netherlands	Granted	0,161,493	1987/05/20	85,104,441.2	1985/04/12
3255	P0130AJP	Liquid Chromatographic Cartridge Column System	Japan	Granted	2,574,045	1988/03/27	158,954	1985/05/07
3255	P0130ACH	Liquid Chromatographic Cartridge Column System	Switzerland	Granted	0,161,493	1987/05/20	85,104,441.2	1985/04/12
3255	P0130AGB	Liquid Chromatographic Cartridge Column System	Great Britain	Granted	0,161,493	1987/05/20	85,104,441.2	1985/04/12
3255	P0130A	Liquid Chromatographic Cartridge Column System	United States	Granted	4,587,014	1986/05/06	06,607,878	1984/05/07
3256	P024AEP	Polymerization For Multi-Element Analysis	Europe	Granted	0,282,043	1983/10/20		
3256	P024AFR	Polymerization For Multi-Element Analysis	France	Granted	0,155,496	1987/10/10/2	85,101,457	1985/02/11
3256	P024ADE	Polymerization For Multi-Element Analysis	United States	Granted	4,785,257	1989/01/03	07,024,237	1987/03/10
3256	P024AHL	Polymerization For Multi-Element Analysis	Germany	Granted	0,155,496	1987/10/10/2		
3256	P024AIT	Polymerization For Multi-Element Analysis	Italy	Granted	0,155,496	1987/10/10/2	358,091	1987/10/10/2
3256	P024AJP	Polymerization For Multi-Element Analysis	Japan	Granted	2,111,789	1986/03/22	6,109,093	1985/02/28
3256	P024ACH	Polymerization For Multi-Element Analysis	Switzerland	Granted	5,108,187	1982/04/28	07,727,393	1987/06/19
3256	P024AGB	Polymerization For Multi-Element Analysis	Great Britain	Granted	0,155,496	1987/10/10/2		
3256	P024A	Polymerization For Multi-Element Analysis	United States	Granted	4,623,940	1986/12/16	06,585,807	1984/02/02
3256	P024AFR	Correction Of Spectra For Stray Radiation	Europe	Granted	0,658,751	1988/08/05		
3256	P024A	Correction Of Spectra For Stray Radiation	France	Granted	0,658,751	1988/08/05		

4314	P0245ADE	Correction Of Spectra For Stray Radiation	Germany	Granted	68412221.1	1988/04/06		
3289	P0132AEP	Multiple Streams Sampling System	Europe	Granted	0154186	1991/09/25		
4314	P0245AJP	Correction Of Spectra For Stray Radiation	Japan	Pending			313688094	1984/12/16
3289	P0132ADE	Multiple Streams Sampling System	Germany	Granted	3564475.1	1988/09/25		
3289	P0132ASE	Multiple Streams Sampling System	Sweden	Granted	0154186	1988/09/25		
4314	P0245AGB	Correction Of Spectra For Stray Radiation	Switzerland	Granted	0658751	1988/04/05	84118676.4	1984/12/15
3289	P0132ACH	Multiple Streams Sampling System	Switzerland	Granted	0154186	1988/09/25		
4314	P0245A	Correction Of Spectra For Stray Radiation	United States	Granted	5,428,558	1985/06/27	084180,800	1983/12/17
3289	P0132A	Apparatus For Periodically Monitoring Composition Of Samples	United States	Granted	4,678,639	1987/07/07	064585,787	1984/03/02
3289	P0132A	Synchronous Wavelength Drive And Data Acquisition Correction	United States	Granted	4,660,977	1987/04/20	06704,344	1983/02/22
3289	P0135A	Safety Apparatus For An Atomic Absorption Spectroscopy Burner	United States	Granted	4,668,267	1986/02/04	06670,711	1984/11/13
3289	P0137A	Self-Sprung Lampholder	United States	Granted	4,597,034	1986/06/24	06670,715	1984/11/13
3307	P0138AEP	Programmed Temperature Control Of A Thermal System	Europe	Granted	0184203	1991/12/04	65305185.1	1985/07/22
3307	P0138AFR	Programmed Temperature Control Of A Thermal System	France	Granted	0184203	1991/12/04	65305185.1	1985/07/22
3307	P0138ADE	Programmed Temperature Control Of A Thermal System	Germany	Granted	P3584024.3	1991/12/04	65305185.1	1985/07/22
3307	P0138ANL	Programmed Temperature Control Of A Thermal System	Netherlands	Granted	0184203	1991/12/04	65305185.1	1985/07/22
3307	P0138AJP	Programmed Temperature Control Of A Thermal System	Japan	Granted	2,003,503	1986/03/19	27228165	1985/12/03
3307	P0138ACH	Programmed Temperature Control Of A Thermal System	Switzerland	Granted	0184203	1991/12/04	65305185.1	1985/07/22
3307	P0138AGB	Programmed Temperature Control Of A Thermal System	Great Britain	Granted	0184203	1991/12/04	65305185.1	1985/07/22
3307	P0138A	Programmed Temperature Control Of A Thermal System	United States	Granted	4,752,218	1984/06/21	06830,982	1985/11/13
3309	P0139A	Ionization Detectors For Gas Chromatography	United States	Granted	4,837,441	1986/06/06	06922,586	1986/10/24
3312	P0138AGB	Ionization Detectors For Gas Chromatography	Great Britain	Granted	2,103,897	1986/07/11	65267,65.6	1985/10/30
3312	P0140ADE	Linearized Ultra-Low Noise MCT Preamp	Germany	Granted	3605488	1985/05/24	3605488	1985/02/20
3312	P0140AJP	Linearized Ultra-Low Noise MCT Preamp	Japan	Granted	2,068,543	1986/07/10	3540946	1985/02/21
3312	P0140A	Detector Preamp/Filter For Use with a MCT Detector	Great Britain	Granted	2,171,512	1986/01/25	6601999.9	1985/01/28
3313	P0141A	Fluid Flow Control System	United States	Granted	4,682,022	1987/07/21	06704,355	1985/02/21
2445	P0256ADE	Optical Beam Switching Apparatus	United States	Granted	4,617,953	1986/10/21	06570,714	1984/11/13
2445	P0256AJP	Optical Beam Switching Apparatus	Japan	Granted	P282145	1987/09/10	2828145	1976/06/27
2445	P0256A	Optical Beam Switching Apparatus	Italy	Granted	1115127	1986/02/03		
2515	P0257AJP	Phase Synchronization	Great Britain	Granted	1599249	1986/02/16	06870,713	1984/11/13
2515	P0257A	Phase Synchronization	United States	Granted	4,571,172	1992/11/11	962402	1982/01/26
2515	P0257AGB	Spectroscopic Phase Synchronization Apparatus	Japan	Granted	1,711,151	1992/11/11	962402	1982/01/26
2515	P0257A	Phase Synchronization	Great Britain	Granted	2,092,288	1984/08/22	6131707.6	1981/10/21
2515	P0257A	Phase Synchronization	United States	Granted	4,386,852	1984/06/07	06229,683	1981/01/29
2515	P0257A	Phase Synchronization	Japan	Granted	1,670,082	1982/06/12	1673781	1981/02/06
2515	P0257A	Phase Synchronization	Great Britain	Granted	2,070,235	1984/02/01	6103080.4	1981/02/02
2515	P0257A	Phase Synchronization	Australia	Granted	364,417	1985/12/12	84371182	1982/06/01
2515	P0257A	Phase Synchronization	France	Granted	0179349	1988/05/24		
2515	P0257A	Phase Synchronization	Europe	Pending				
2515	P0257A	Phase Synchronization	Germany	Granted	3570527.2	1989/05/24	90101324.3	1990/01/23
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24	3570527	1988/05/24
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Germany	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Germany	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Germany	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Germany	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Germany	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Germany	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Germany	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Germany	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Germany	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Germany	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Germany	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Germany	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Netherlands	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Switzerland	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Great Britain	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	United States	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Japan	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	France	Granted	0179349	1989/05/24		
2515	P0257A	Phase Synchronization	Europe	Granted	0179349	1989/05/24		
2515								

3369	P0146AEP	Automatic Optimization Procedure	Europe	Granted	0192201	1992/07/29			
3369	P0144AAU	Automatic Optimization Procedure	Australia	Granted	586,853	1989/07/27	6344/06	1996/02/20	
3369	P0146ACA	Automatic Optimization Procedure	Canada	Granted	1,271,342	1990/07/10	500,841	1995/01/21	
3369	P0146ADE	Automatic Optimization Procedure	Germany	Granted	366,175 A	1987/07/29			
3369	P0146ANL	Automatic Optimization Procedure	Netherlands	Granted	0192201	1992/07/29			
3369	P0146AT	Automatic Optimization Procedure	Italy	Granted	0192201	1992/07/29			
3369	P0146AJP	Automatic Optimization Procedure	Japan	Granted	1,811,192	1995/03/09	3540/8186	1995/02/21	
3369	P0146ACH	Automatic Optimization Procedure	Switzerland	Granted	0192201	1992/07/29			
3369	P0146A	Automatic Optimization Procedure	United States	Granted	4,689,754	1987/08/25	08/704,358	1995/02/21	
3369	P0199AAU	Automatic Absorption Spectrometer	Australia	Granted	502,261	1989/03/16	6005/6485	1995/03/07	
3369	P0199A	Automatic Absorption Spectrometer	Japan	Granted	2,118,078	1989/12/06			
3369	P0200AJP	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,991,960	1991/02/12	06/853,706	1996/02/06	
3369	P0147A	Burner Assembly For Atomic Absorption Spectrometer	Japan	Granted	2,016,021	1989/06/10	191767/06	1996/02/18	
3369	P0203A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,776,654	1989/10/11	06/932,957	1996/11/18	
3369	P0147AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Japan	Granted					
3369	P0175A	Electrothermal Atomization Furnace For Spectroscopy	United States	Granted	5,053,621	1991/11/01	07/616,123	1996/11/18	
3369	P0018A	Synchronization Of Digital Signals With Alternating Current	United States	Granted	4,917,493	1990/04/17	07/205,868	1996/06/13	
3369	P0023A	Plunger Holding Mechanism For Use In Chromatography	United States	Granted	4,961,207	1990/10/02	07/508,150	1996/08/02	
3369	P0031A	Single Element Thermal Conductivity Detector	United States	Granted	5,360,598	1996/11/01	07/504,028	1996/04/06	
3369	P0025A	Circuit For Heating And Sensing With A Single Element	United States	Granted	5,265,459	1993/11/04	07/748,548	1997/08/22	
3369	P0261AAU	Optical Coupling Device	Australia	Granted	5,099,196	1992/03/24	07/637,392	1997/10/04	
3369	P0261ADE	Optical Coupling Device	Germany	Granted	317,693,27	1997/02/25	317,693,27	1997/02/25	
3369	P0261ACH	Optical Coupling Device	Switzerland	Granted	3,031,192	1997/02/25			
3369	P0027A	Standardizing And Calibrating A Spectrometric Instrument	United States	Granted	5,303,165	1994/04/12	07/634,448	1997/02/12	
3369	P0041A	Hybrid Vialing System For Varying Fluid Flow Rate	United States	Granted	5,329,985	1994/07/18	08/100,506	1997/07/30	
3369	P0044A	Optical Spectrometer For Detecting Spectra In Separate Range	United States	Granted	5,565,983	1996/10/15	08/451,351	1997/05/26	
3369	P0042A	Nebulizer	United States	Granted	5,464,157	1995/11/07	08/276,144	1997/07/18	
3369	P0043B	Spark Sampling Microparticle Generator And Method	United States	Granted	5,457,089	1995/08/19	08/137,854	1997/10/15	
3369	P0021A	3 Point Bending Measuring System	United States	Granted	4,976,152	1990/12/11	07/435,114	1997/11/13	
3369	P0024C	Vial Loader And Sensor	United States	Granted	5,171,530	1992/12/15	07/803,680	1997/12/03	
3369	P0064AEP	Integral Separation Capillary/Conductivity Detector	Europe	Granted	0241940	1993/01/27	87/105712.1	1997/04/06	
3369	P0064AFR	Integral Separation Capillary/Conductivity Detector	France	Granted	0241940	1993/01/27	87/105712.1	1997/04/16	
3369	P0064AOE	Integral Separation Capillary/Conductivity Detector	Germany	Granted	0241940	1993/01/27	87/105712.1	1997/04/16	
3369	P0064ANL	Integral Separation Capillary/Conductivity Detector	Netherlands	Granted	0241940	1993/01/27	87/105712.1	1997/04/16	
3369	P0064AJP	Integral Separation Capillary/Conductivity Detector	Japan	Granted	0241940	1993/01/27	87/105712.1	1997/04/16	
3369	P0064ASE	Integral Separation Capillary/Conductivity Detector	Sweden	Granted	0241940	1993/01/27	87/105712.1	1997/04/16	
3369	P0064AGB	Method of Fabricating Capillary Electrode, Separation Channels	Great Britain	Granted	0241940	1993/01/27	87/105712.1	1997/04/16	
3369	P0064A	Method of Fabricating Capillary Electrode, Separation Channels	United States	Granted	4,616,123	1993/01/27	87/105712.1	1997/04/16	
3369	P0265A	Power Circuit for Spectral Analysis Gaseous Discharge Lamps	United States	Granted	4,682,805	1997/07/28	06/330,163	1996/02/18	
3369	P0265A	Power Circuit for Spectral Analysis Gaseous Discharge Lamps	United States	Granted	4,716,342	1997/12/29	06/304,948	1996/12/05	
3369	P0265A	Power Circuit for Spectral Analysis Gaseous Discharge Lamps	United States	Granted	4,726,679	1998/02/23	06/335,145	1996/02/03	
3369	P0265A	Power Circuit for Spectral Analysis Gaseous Discharge Lamps	United States	Granted	4,684,811	1997/08/04	06/455,935	1996/02/05	
3369	P0270A	System for Calibrating A Microcentimeter	United States	Granted	4,779,216	1998/10/16	06/437,434	1996/02/07	
3369	P0271A	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,876,905	1998/10/24	07/210,374	1996/12/08	
3369	P0271ADE	High Pressure Column Assembly For A Liquid Chromatograph	Europe	Granted	0128146	1995/09/20	89/102,861	1996/02/10	
3369	P0271AGB	High Pressure Column Assembly For A Liquid Chromatograph	Germany	Granted	0128146	1995/09/20	89/102,861	1996/02/10	
3369	P0272A	Programmable Lamp Plug	Great Britain	Granted	0128146	1995/09/20	89/102,861	1996/02/10	
3369	P0273A	Phase Angle Measurement	United States	Granted	4,670,813	1997/06/02	06/402,924	1996/11/29	
3369	P0273AEP	Phase Angle Measurement	Europe	Granted					
3369	P0273AFR	Phase Angle Measurement	France	Granted					
3369	P0273AOE	Phase Angle Measurement	Germany	Granted					
3369	P0273AIT	Phase Angle Measurement	Italy	Granted					

3515	P0273AJP	Phase Angle Measurement	Japan						
3516	P0273ACH	Phase Angle Measurement	Switzerland						
3517	P0273AGB	Phase Angle Measurement	Great Britain						
3518	P0287A0E	Pulse Synchronization	Germany						
3519	P0287A0E	Chromatography Column	Europe	Granted	0101082	1988/11/20	83107709	1983/06/04	
3520	P0287A0E	Regulated Deuterium Arc Supply System	United States	Granted	4,742,276	1988/05/03	06189,536	1986/07/25	
3521	P0287A0E	Electro-Optical Detector For A Scanning Mass Spectrometer	United States	Granted	4,934,676	1988/10/19	07164,718	1990/06/25	
3522	P0287A0E	Electro-Optical Detector For A Scanning Mass Spectrometer	Korea	Granted	3307,697	1983/08/29	3307,697	1983/03/03	
3523	P0287A0E	Variable Gain Amplifier	Germany	Granted	1,589,343	1986/07/10	51428/62	1982/05/31	
3524	P0287A0E	Apparatus For Reducing Current Leakage From A Resistance	Japan	Granted	0051162	1987/02/25	81107860	1981/10/02	
3525	P0287A0E	Optical Coupling Device	Europe	Granted	0050106	1987/09/09	81110555	1981/11/27	
3526	P0287A0E	Fiber-optic System With Synchronous Clock For Generation Of T1	Europe	Granted	3059836	1985/08/21	82100644,3	1982/01/28	
3527	P0287A0E	Optical Beam Splitter	Europe	Granted	0075669	1986/10/15	82100509	1982/07/19	
3528	P0287A0E	Apparatus Used With A Chromatography Column	Europe	Granted	0087568	1987/01/07	83100499,9	1983/01/20	
3529	P0287A0E	Spectrophotometer	Europe	Granted	0128120	1988/06/17	84106223,4	1984/05/20	
3530	P0287A0E	Liquid Level Sensor	Europe	Granted	0154782	1989/04/23	85100941,2	1985/01/30	
3531	P0287A0E	Pulse Damper	Europe	Granted	0156132	1989/10/05	85101252,6	1985/02/06	
3532	P0287A0E	Solvent Pressurizing & Degassing System	Europe	Granted	0178349	1989/05/24	85112742	1985/11/08	
3533	P0287A0E	Multi-port Valve In Gas Collection System And Method	Europe	Granted	0185926	1992/09/20	85114716,1	1985/11/19	
3534	P0287A0E	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	5,424,606	1995/08/27	08082,162	1983/07/15	
3535	P0287A0E	Hybrid Valve System For Varying Fluid Flow Rate	Australia	Granted	692,773	1993/05/01	88789184	1994/07/28	
3536	P0287A0E	Thermal Insulating Container For Liquefied Gas	United States	Granted	5,655,681	1997/04/12	08724,432	1996/10/01	
3537	P0287A0E	Connecting Apparatus For Conveyance Of Cryogenic Fluid	United States	Granted	5,762,381	1998/06/08	08166,535	1995/12/08	
3538	P0287A0E	Fluid Conveying Device With Retractable Connection	United States	Granted	5,716,082	1998/02/10	08125,916	1994/09/07	
3539	P0287A0E	Mounting Apparatus For Induction Coupled Plasma Torch	United States	Granted	5,925,265	1997/10/15	08050,775	1997/10/15	
3540	P0287A0E	Chromatography Column	Germany	Granted	4135021	1995/07/26	88102940,9	1991/10/23	
3541	P0287A0E	Analysis Of Organic Material	Europe	Granted	0280335	1995/07/26	88102940,9	1991/10/23	
3542	P0287A0E	Thermal Conductivity Detector	Europe	Granted	0281966	1994/02/02	88103403,4	1988/03/04	
3543	P0287A0E	Inductively Coupled Plasma Torch With Sample Injector	Europe	Granted	0281155	1994/01/12	88103413,6	1988/03/04	
3544	P0287A0E	Power System For Inductively Coupled Plasma Torch	Europe	Granted	0281152	1994/08/29	88103403,7	1988/03/04	
3545	P0287A0E	Chromatography Column	Europe	Granted	0281922	1993/03/10	88103744,3	1988/04/11	
3546	P0287A0E	Chromatography Column	Germany	Granted	263681	1990/10/17	3219687	1988/11/18	
3547	P0287A0E	Chromatography Column	France	Granted	7126944	1992/03/06	7126944	1991/07/13	
3548	P0287A0E	Computer Operated Spectrometric Instrument	Germany	Granted	39540755	1996/04/22	39540755,9	1993/04/27	
3549	P0287A0E	Low Frequency Signal Processing Circuitry	Europe	Published					
3550	P0287A0E	Monochromator Drift Compensation	Europe	Granted	0334303	1994/07/20	89103064,3	1988/03/21	
3551	P0287A0E	Monochromator Drift Compensation	Europe	Granted	0344783	1994/03/02	89103944,3	1989/06/01	
3552	P0287A0E	Standardization Of Spectral Lines	Europe	Granted	0344782	1993/10/27	89103941,5	1989/06/01	
3553	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3554	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3555	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3556	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3557	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3558	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3559	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3560	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3561	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3562	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3563	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3564	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3565	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3566	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3567	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3568	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3569	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3570	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3571	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3572	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3573	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3574	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3575	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3576	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3577	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3578	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3579	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3580	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3581	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3582	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3583	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3584	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3585	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3586	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3587	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3588	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3589	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3590	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3591	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3592	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3593	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3594	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3595	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3596	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3597	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3598	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3599	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					
3600	P0287A0E	Standardization Of Spectral Lines	Europe	Granted					

3636	P0296ADE	Inductively Coupled Plasma Torch With Sample Injector	Germany	Granted	P2888962.4	1994/01/12	68103413.6	1998/02/04
3703	P0295ADE	Thermal Conductivity Detector	Germany	Granted	P2887541.1	1994/02/02	68103409.4	1998/02/04
3809	P0300ADE	Monochromator Drift Compensation	Germany	Granted	P6813358.6	1994/03/02	69109946.3	1998/06/01
3837	P0287ADE	Power System For Inductively Coupled Plasma Torch	Germany	Granted	P2850422.7	1994/06/29	68103403.7	1998/03/04
4377	P0297ADE	Low Frequency Signal Processing Circuitry	Germany	Granted	P6821962.1	1994/07/20	69109949.4	1998/03/21
4386	P0288ADE	Detector Cell For Spectrophotometer Used In Liquid Chromatography	Germany	Granted	P681823389	1994/07/12	69105253.1	1998/03/23
4408	P0307ADE	Method And Apparatus For Comparing Spectra	Germany	Granted	P68216635.4	1997/03/26	92116813.2	1998/10/02
4473	P0308ADE	Apparatus For Differential Analysis Of Sample Dielectric Properties	Germany	Granted	P68320217	1998/09/17	68320217	1998/02/18
4528	P0284ADE	Analysis Of Organic Material	Germany	Granted	P3054208.8	1993/07/26	68102844.9	1998/02/28
4537	P0327A	Zero-Dilution Split Injector Liner For Gas Chromatography	United States	Pending			60154.209	1999/08/16
4565	P0328A	Monitoring Constituents Of An Animal Organ Using Statistical Hybrid Film Type Sensor	United States	Pending			08443.875	1999/11/19
4567	P0329A	Hybrid Film Type Sensor	United States	Pending			08444.334	1999/11/19
4601	P0306A	Enclosure For Analytical Instrumentation	United States	Granted	D412.981	1999/08/17	281054.998	1997/01/16
4609	P0304A	Detection Of Low Level Analytes In Samples Using Agglutinated Monochromator Drift Compensation	United States	Granted	5,942.442	1999/08/24	08031.206	1997/04/02
4609	P0304A	Monochromator Drift Compensation	Australia	Granted	612.847	1991/07/16	3587.458	1998/06/01
4609	P0304A	Monochromator Drift Compensation	United States	Granted	4,916.645	1997/04/10	07201.250	1998/06/02
4609	P0304A	Monochromator Drift Compensation	Canada	Granted	1,321.486	1997/08/24	601.458	1998/06/01
4628	P0018ADE	Circuit For Synchronizing Digital Signals With Alternating Current For Synchronizing Digital Signals With Alternating Current	Germany	Granted	4,024.459	1991/02/07	P4024459.8	1998/08/01
4628	P0018ADE	Circuit For Synchronizing Digital Signals With Alternating Current	Germany	Granted	2,235.937	1997/06/16	9016503.6	1998/07/27
4635	P0024ADE	Vial Locator And Sensor	Europe	Granted	P691097008.8	1995/04/17	91102281.2	1991/02/18
4635	P0024ADE	Vial Locator And Sensor	Europe	Granted	0444498	1995/04/17	91102281.2	1991/02/18
4635	P0024ADE	Vial Locator And Sensor	Australia	Granted	640.453	1993/08/26	7183301	1991/02/27
4635	P0024ADE	Vial Locator And Sensor	Europe	Granted	0529295	1996/08/02	92112375.9	1992/07/20
4670	P0031ADE	Single Element Thermal Conductivity Detector	Germany	Granted	68226833.2	1998/08/02	92112375.8	1992/07/20
4673	P0304A	Apparatus For Differential Analysis Of Sample Dielectric Properties	United States	Granted	5,309.110	1994/04/03	07945.994	1992/03/04
4730	P0278AGB	Detector Cell For Liquid Chromatography	Great Britain	Granted	0185826	1992/08/20	85114718.1	1995/11/19
4730	P0278AGB	3 Point Bending Measuring System	Great Britain	Granted	0135288	1995/07/12	89105285.1	1995/05/23
4730	P0278AGB	Vial Locator And Sensor	Great Britain	Granted	0426010	1994/06/01	90120859.6	1998/10/21
4730	P0278AGB	Vial Locator And Sensor	Great Britain	Granted	0444408	1995/05/17	91102281.2	1991/02/18
4730	P0278AGB	Standardizing And Calibrating A Spectrometric Instrument	Great Britain	Granted	0560006	1997/12/10	83100106.9	1993/01/07
4730	P0278AGB	Photometric Amplifier Linearity	Great Britain	Granted	0552604	1997/04/09	93100102.8	1993/01/07
4730	P0278AGB	Method Of Manufacturing Glass Beads	Great Britain	Granted	2,261.659	1995/08/28	9223589.3	1992/11/11
4730	P0278AGB	Apparatus For Differential Analysis Of Sample Dielectric Properties	Great Britain	Granted	0558972	1998/08/12	93102169.7	1993/02/11
4730	P0278AGB	Absorbance Correction In Atomic Absorption Spectroscopy	Great Britain	Granted	2,262.180	1995/08/02	9223548.0	1992/11/10
4730	P0278AGB	Method For Heating A Thermionic Detector Source	Great Britain	Granted	2,261.534	1995/12/06	9223589.5	1992/11/11
4730	P0278AGB	Variable Gain Amplifier	Great Britain	Granted	2,116.783	1996/01/29	93103666.5	1993/02/10
4730	P0278AGB	Double Beam Detector System For Liquid Chromatography	Great Britain	Granted	0526541	1996/04/17	92114331.9	1992/04/21
4730	P0278AGB	Photometric Instrument With Optical Fibers For Analyzing	Germany	Pending			P4424961.5	1994/07/14
4730	P0278AGB	Method For Processing A Sample	United States	Pending			09101.818	1998/10/20
4730	P0278AGB	Method For Processing A Sample	The Netherlands	Pending			1002110	1996/01/17
4730	P0278AGB	Method For Processing A Sample	PCT	Pending			PCT/NL/97/00005	1997/01/07
4730	P0278AGB	Method For Processing A Sample	Canada	Pending			2,235.282	1998/04/02
4730	P0278AGB	Detection Of Low Level Hydrophobic Analytes In Samples	Europe	Pending			98914440.7	1998/04/02
4730	P0278AGB	Detection Of Low Level Hydrophobic Analytes In Samples	Japan	Pending			10-542004	1998/10/04
4730	P0278AGB	Detection Of Low Level Hydrophobic Analytes In Samples	Australia	Pending			68196998	1998/04/02
4730	P0278AGB	Detection Of Low Level Hydrophobic Analytes In Samples	Canada	Pending			12,285.219	1998/04/02
4730	P0278AGB	Detection Of Low Level Analytes In Samples Using Agglutinated	Europe	Pending			98914435.7	1998/10/04
4730	P0278AGB	Detection Of Low Level Analytes In Samples Using Agglutinated	Australia	Pending			68196998	1998/04/02
4730	P0278AGB	Detection Of Low Level Analytes In Samples Using Agglutinated	Japan	Pending			10-541999	1998/10/04
4730	P0278AGB	Method For Processing A Sample	Europe	Pending			97800400.1	1997/04/02
4730	P0278AGB	Detection Of Low Level Hydrophobic Analytes In Samples	United States	Granted	5,891.740	1999/04/06	08032.188	1997/04/02
4730	P0278AGB	Detector For A Spectrometer	United States	Granted	4,820.048	1998/04/11	071123.025	1997/11/19
4730	P0278AGB	Photometric Instrument With Optical Fibers For Analyzing	Great Britain	Granted	2,312.044	1998/01/21	9714780.5	1997/07/14
4730	P0278AGB	Computer Operated Spectrometric Instrument	United States	Granted			084500.609	1999/04/27
4730	P0278AGB	Method And Apparatus For Iterative Spectral Compensation	United States	Pending			091503.092	2000/02/11
4730	P0278AGB	Method And Apparatus For Impurity Detection	United States	Pending			1092561.600	2000/04/27

2786	P0087A	Fluid Flow Control Device	United States	Granted	4,354,932	1982/10/19	06/197,302	1980/10/15
4438	P0089A	Heater Control Circuit	United States	Granted	5,672,289	1997/09/30	00/598,410	1986/07/11
4443	P0086A	Apparatus For Controlling Level Of Cryogenic Liquid	United States	Granted	5,671,603	1997/09/30	00/598,438	1995/12/08
4435	P0084A	Dry Gas Cracks For Cryogenic Surface	United States	Granted	5,580,537	1997/07/07	00/524,555	1994/07/07
4434	P0082A	Chemical Reaction System Having A Heating Vessel Therein	United States	Granted	5,476,118	1996/03/02	00/569,358	1995/12/08
4430	P0081A	Gas Chromatographic System With Controlled Sample Transfer	United States	Granted	5,711,786	1996/01/27	00/724,689	1996/10/21
4411	P0047A	Flow Regulation In Gas Chromatograph	United States	Granted	5,645,252	1996/08/13	00/937,707	1995/03/01
3522	P0200A	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,681,530	1997/07/21	00/683,770	1996/05/16
4073	P0008AJP	Differential Diatomic Analyzer	Japan	Pending			05-08-4442	1993/03/02
3536	P0208AEP	Detector Cell	Europe	Granted	0336288	1995/07/12	89106283.1	1989/03/23
2856	P0276A	Optical Coupling Device	United States	Granted	4,494,212	1995/01/15	06/628,547	1984/07/06
2782	P0278A	Pneumatic System With Synchronous Check For Generation Of Ti	United States	Granted	4,345,479	1992/08/24	06/724,783	1981/07/13
2730	P0279A	Multi-port Valve In Gas Collection System And Method Of Use	United States	Granted	4,801,211	1998/07/22	06/680,688	1994/12/12
3536	P0298AJP	Low Cost Detector Cell	Japan	Granted	12,042,337	1999/12/24	78/620/8	1988/03/31
3538	P0298BEP	Detector Cell For Liquid Chromatography	Europe	Published	0626574		94109752.8	1994/03/23
4511	P0089C	Monitoring Components Of An Animal Organ Using Statistical	United States	Pending			06/479,642	2000/10/07
5013	P0343A	Barcode Labeling Of ATO Tubes	United States	To File				
4479	P0064AGH	Analyzing Spectrometric Data	Switzerland	Granted	08034725		97117174.9	1997/10/02
4479	P0064ADE	Analyzing Spectrometric Data	Germany		0834725			
4479	P0064AFR	Analyzing Spectrometric Data	France		0834725			
4479	P0064AGB	Analyzing Spectrometric Data	Great Britain		0834725			
4479	P0064ANT	Analyzing Spectrometric Data	Italy		0834725			
4479	P0064ANL	Analyzing Spectrometric Data	Netherlands		0834725			
2730	P0279AJP	Multi-port Valve In Gas Collection System And Method Of Use	Japan	Granted	1,838,629	1994/04/25	27.6113185	1985/12/12
4046	P0027ADE	Standardizing And Calibrating A Spectrometric Instrument	Germany	Granted	0560006		93100106.8	1993/01/07
4076	P0033AAU	Photodetector Amplifier Having A Linear	Germany	Granted	963109504	1997/04/09	93100102.8	1993/01/07
4137	P0039AAU	Absorbance Correction In Atomic Absorption Spectroscopy	Australia	Granted	654,068		29914942	
4483	P008BAEP	Grouping Of Spectral Bands For Data Acquisition	Australia	Granted	667,614		5757394	
4642	P0345A	Tunable External Cavity Diode Laser	Europe	Published			979306051.6	1997/07/28
4641	P0345AJP	Use Of High Lines From Hip Lamp For Wavelength Standardization	United States	To File				
4641	P0345A	Low Cost Detector Cell	Japan	Granted	3,016,789	1999/12/24	78.752089	1999/12/24
5003	P0347A	Use Of Ne Lines For ICP Instrument Standardization	United States	To File				
5005	P0348A	Methods And Apparatus To Improve The Sensitivity	United States	Pending			60/193,874	2000/03/31
	P0348A	Apparatus And Methods For Bioluminescent Analytical Methods	United States	Pending			60/193,519	2000/03/31
	P0350A	Polymeric Reagent Pad	United States	Pending				
3824	P0051A	Sampling Device For Use In Automated Methods	United States	Granted	4,653,513	1998/08/01	07/187,106	1998/04/28
3824	P0009A	Arc Spray Gun For Coating Confined Areas	Canada	Granted	1,314,844	1993/03/23	587,286	1988/04/20
3824	P0009AJP	Arc Spray Gun For Coating Confined Areas	Japan	Granted	2,164,470	1990/05/25	1-104817	1988/04/26
3824	P0009AEP	Arc Spray Gun For Coating Confined Areas	Europe	Granted	101950/8		89107688.1	1989/04/27
3824	P0009ACN	Arc Spray Gun For Coating Confined Areas	China	Granted	6892645			
3824	P0009ADE	Arc Spray Gun For Coating Confined Areas	Germany	Granted			89107688.1	1989/04/27
5000	P0032AJP	Padding Of The Torch Glassware	United States	Pending			60/175,888	2000/01/13
3264	P0002A	Digital Gain Controlled Current To Voltage Amplifier	United States	Granted	4,689,877	1997/06/02	06/704,388	1995/02/22
	P0328ACH	Detection Of Low Level Hydrophobic Analyses In Samples						
	P0328ADE	Detection Of Low Level Hydrophobic Analyses In Samples						
	P0328AFR	Detection Of Low Level Hydrophobic Analyses In Samples						
	P0328AGB	Detection Of Low Level Hydrophobic Analyses In Samples						
	P0328AJP	Detection Of Low Level Hydrophobic Analyses In Samples						
4580	P0073AIVO	AutoSampler Having Gripper With Shape Memory Metal Actuator	PCT	Pending			PC/T/US00/03756	2000/02/14
	P0071B	AutoSampler	United States	Pending			09/518,465	2000/03/03
	P0045ADE	Needleless	Germany	Pending			695.14.870.2-08	1995/06/22
	P0047BANJ	Flow Regulation In Gas Chromatograph	Australia	Pending			1757800	2000/02/18

P0035AUF	Fluid Conveying Device With Removable Connection	Italy	Pending				
P0035AFR	Fluid Conveying Device With Removable Connection	France	Pending				
P0035ADE	Fluid Conveying Device With Removable Connection	Germany	Pending				
P0035ACH	Fluid Conveying Device With Removable Connection	Switzerland	Pending				
P0035AWO	Self-Aligning Optical Fiber Transducer	PTT	Pending				
P0357A	Non-Contacting Method of Cleaning Surfaces	United States	Granted	4,866,024	1990/08/11	07/391,715	1989/08/07
P0357ACA	Non-Contacting Method of Cleaning Surfaces	Canada	Granted	1,315,823	1982/04/13	567,885	1988/01/11
P0357AEP	Non-Contacting Method of Cleaning Surfaces	Europe	Granted	0324435	1989/07/19	89100346.9	1989/01/10
P0357AJP	Non-Contacting Method of Cleaning Surfaces	Japan	Granted	1,225,125	1989/08/08	892,882	1989/01/11
P0357ADE	Non-Contacting Method of Cleaning Surfaces	Germany	Granted	68808422	1993/11/04	809,422	1989/01/10
P0358A	Scanning Array Spectrophotometer	United States	Granted	4,798,464	1989/01/17	06/838,858	1986/03/12
P0359A	Method and Apparatus For Reactionless Rotation	United States	Granted	5,131,611	1992/07/21	891,835	1991/04/26
4368	Rebubler	Germany	Granted	689,320		P69314470.2	
4368	Rebubler	United Kingdom	Granted	689,320		893,320	
4369	Rebubler	Netherlands	Granted	689,320		693,320	
P033AAU	Method For Processing A Sample						
P0031AIT	Single Element Thermal Conductivity Detector	Italy	Granted	0528285	1993/09/02	92112375.8	1992/07/20
P0271AJP	High Pressure Column Assembly For A Liquid Chromatograph	Japan	Granted	2,678,879			
P0380A	Microtrophograph Apparatus	United States	Granted	4,952,858	1990/08/28	188,545	1988/05/18
P0360AEP	Microtrophograph Apparatus	Europe	Granted	0342639	1989/11/23	89104864.4	1989/06/17
P0360AJP	Microtrophograph Apparatus	Japan	Granted	2,035,789	1990/02/06	123,023	1989/05/18
P0360ACA	Microtrophograph Apparatus	Canada	Granted	1,304,173	1992/06/23	589,723	1989/06/15
P0360ADE	Microtrophograph Apparatus	Germany	Granted	68925233	1996/02/08	623,233	1993/05/17
5007	Design Of A Device For Sampling A Surface To Colloid	United States	To File				
5005	Polymetric Carrier For Reagents	United States	To File				
5004	Low Cost Internal Calibration Standard	United States	To File				
P0364A	Dual Photodiode Correction Of Background For Bioluminescence	Great Britain	Granted	2,180,064			
P0199AAGB	Atomic Absorption Spectrometer	Germany	Granted				
P0200ADE	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	P3870372.9			
5014	Conductive Coating To Eliminate Charge Effects And Reduce	United States	To File				
P0365A	Sanit-Chek Swab And Swabbing Technique	United States	To File				
5013	Dual Photodiode Correction Of Background For Bioluminescence	United States	To File				
P0367A	Sanit-Chek Detection Of Inhibitory Components	United States	To File				
5012	Sampling Of Spectral Bands For Data Acquisition	Germany	Pending			694 24 082 6-08	
P0039ADE	Device For Igniting A Flame In An Atomic Absorption Extromet	Great Britain	Granted	2,180,328	1987/03/25	8821642	1986/09/10
3526	Device For Igniting A Flame In An Atomic Absorption Extromet	Germany	Granted	P3532537.2	1987/03/19	P3532537.2	1985/09/12
3528	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	3528547.3			1985/08/17
3522	Method For Measuring Absolute Value Of Thermal Conductivity	United States	Pending			602110 256	2000/06/08
4489	Method Of Detecting Organisms In A Sample	United States	Granted	5,902,722	1989/05/11	08985,574	1987/12/05
4489	Method Of Detecting Organisms In A Sample	United States	Pending				
P0372AWO	RH Compensation By Nitrogen Coatings Of Electrochemical	United States	To File				
5018	Planar Electrochemical Gas Sensor	United States	To File				
5020	Electrochemical Gas Sensor With Miniaturized Flow Channels	United States	To File				
5021	Electrochemical Gas Sensor With Miniaturized Flow Channels	United States	To File				
P0379A	Calibration-Free Electrochemical Sensor	United States	To File				
P0380A	Electrochemical Sensor With Dry Nitrogen	United States	To File				
5024	Integrated Electrochemical Gas Generator	United States	To File				
5025	Prevention Of Flooding In Thick-Film Electrochemical Sensors	United States	To File				
5026	RH Compensation For Electrochemical Sensors With Different	United States	To File				