

08-29-2000

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PATENT
03141-P0103A WWW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignor:	Perkin-Elmer Corporation
Assignee:	Perkin Elmer LLC
Patent No. 4,464,051	Issue Date: August 7, 1984
Title of Application:	Spectrophotometer

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, a Delaware Limited Liability Company having offices 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.

July 2, 2000

Danielle Dominici

08/29/2000 DNGUYEN 00000319 4464051

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40.00 DP

PATENT
REEL: 011019 FRAME: 0352

5. Patent Number: 4,464,051.
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

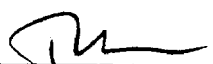
WHEREAS, Perkin Elmer LLC is desirous of recording its ownership of the patents and patent applications listed on the attached Exhibit A in the various Patent Offices throughout the world;

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 (NT)*)

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

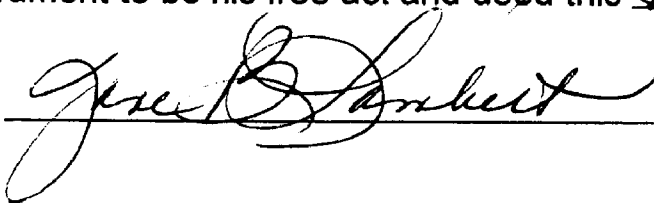


				EXHIBIT A					
Patent Number	Holder	Holder Name	Country	Status	Registration Number	Issue Date	Serial Number	File Date	
0985	P0003ASE	Automatic Variable Filter For Use In Scanned Spectrometers	Sweden	Pending			11485-6	1973/04/23	
2103	P0004AJP	Flame Ionization Detector Status Indicator	Japan	Pending			160948	1976/12/29	
2132	P0005AJP	Detector Cell Assembly	Japan	Pending			60305186	1980/04/23	
2357	P0008AJP	High Resolution Slipping Motor Drive	Japan	Pending			278489/87	1987/11/06	
3602 (MWK/UN/5B)	P0016AJP	Line Frequency Sliced Voltage-To-Frequency Converter System	Japan	Granted	2,730,577	1997/12/19	02-205946	1997/02/02	
3828	P0018AJP	Circuit For Synchronizing Digital Signals	Germany	Granted	3,060,314	2000/04/28	P3027788.2	1989/09/23	
3808	P0019ADE	Application Of Kalman Filtering To ICP Spectra	Germany	Pending			P4100046.3	1991/01/03	
3973	P0020ADE	Quadrupole Mass Filter For Charged Particles	Germany	Pending			2-304227	1990/11/13	
3984	P0021AJP	3 Point Bending Measuring System	Japan	Allowed	3,032,800	2000/02/18	P4110763.2	1991/04/03	
4014	P0023ADE	Punger Homing Mechanism For Use In Chromatography	Germany	Pending			3-7326/091	1991/04/05	
4014	P0023AJP	Punger Homing Mechanism For Use In Chromatography	Japan	Granted	3,057,380	2000/04/12	1991/02/07		
4015	P0024ACA	Vial Locator And Sensor	Canada	Pending			2,035,916	1991/02/07	
4015	P0024AJP	Vial Locator And Sensor	Japan	Pending			333027819	1991/02/27	
4037	P0025AJP	Circuit For Heating And Sensing With A Single Element	Europe	Granted	5-108160	1993/09/30	91121135.7	1991/12/10	
4037	P0025AJP	Circuit For Heating And Sensing With A Single Element	Japan	Granted	0498063		03-345215	1991/12/26	
4045	P0027ACA	Standardizing And Calibrating A Spectrometric Instrument	Canada	Pending			2,087,360	1993/01/15	
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument	Europe	Granted	560,008		97250178.7	1993/05/09	
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument	Japan	Granted	6,082,307		05-037343	1993/02/03	
4045	P0027AKR	Standardizing And Calibrating A Spectrometric Instrument	Korea	Granted	1937/93	2000/03/14	1937/93	1993/02/12	
4046	P0028ACA	Photodetector Amplitude Linearity	Canada	Pending			2,087,821	1993/01/21	
4046	P0028AJP	Photodetector Amplitude Linearity	Japan	Granted	6-88745	1994/09/29	05-023171	1993/01/19	
4046	P0028AKR	Photodetector Amplitude Linearity	Korea	Granted	247,171	1999/12/10	728/93	1993/01/21	
4070	P0030AJP	Inductively Coupled Plasma Generator	Japan	Pending			115168/93	1993/04/20	
4076	P0033ADE	Single Element Thermal Conductivity Detector	Japan	Pending	5-223771	1993/08/21	241447/92	1992/08/19	
4091	P0036ADE	Absorbance Connection In Atomic Absorption Spectroscopy	Germany	Pending			P423070.1	1992/12/01	
4091	P0036AJP	Method And Apparatus For Heating A Thermionic Detector Source	Germany	Pending			P4237467.8	1992/11/04	
4091	P0036AJP	Method And Apparatus For Heating A Thermionic Detector Source	Japan	Granted	5-256822	1993/10/08	04-327513	1992/11/13	
4126	P0037AJP	Sampling Controlling Method & Apparatus	Europe	Pending			81900386.3		
4133	P0038ADE	Optical Switching Apparatus With Retroreflector	Germany	Pending			19502431.1	1995/01/26	
4133	P0038AJP	Optical Switching Device With Retroreflector	Japan	Granted	7,287,176		30897195	1995/02/27	
4137	P0039ACA	Grouping Of Spectral Bands For Data Acquisition	Canada	Allowed			12,115,056	1994/02/17	
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition	Europe	Granted	0615116	2000/04/26	94103598.2	1994/03/09	
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition	Japan	Granted	6,300,828		387430/94	1994/09/09	
4317	P0041ACA	Hybrid Vialing System For Varying Fluid Flow Rate	Canada	Allowed			2,126,495	1994/06/22	
4317	P0041AJP	Hybrid Vialing System For Varying Fluid Flow Rate	Europe	Granted	0638959	2000/04/27	94109991.5	1994/06/27	
4317	P0041AJP	Hybrid Vialing System For Varying Fluid Flow Rate	Japan	Granted	7,078,032		17702594	1994/07/28	
4389	P0042AJP	Nebulizer	Europe	Published	0693320		95109736.9	1995/06/22	
4389	P0042AJP	Nebulizer	Japan	Pending			180304/95	1995/07/17	
4382	P0044AJP	Optical Spectrometer For Detecting Spectra In Separate Range	Australia	Granted	713,793	1996/05/24	5248506	1996/06/24	
4382	P0044AJP	Optical Spectrometer For Detecting Spectra In Separate Range	Europe	Pending	0744593		96101728.1	1996/05/08	
4382	P0044AJP	Optical Spectrometer For Detecting Spectra In Separate Range	Japan	Pending			13214396	1996/05/27	
4385	P0045AJP	Apparatus And Method For Differential Analysis Using Signals	Europe	Pending	0763196		85821345.5	1995/05/22	
4385	P0045AJP	Apparatus And Method For Differential Analysis Using Signals	Europe	Pending	0803061		95921344.8	1995/05/22	
4385	P0045AJP	Apparatus And Method For Differential Analysis Using Signals	Japan	Pending			8500987	1996/11/29	
4385	P0045AJP	Apparatus And Method For Differential Analysis Using Signals	Japan	Pending			8500986	1996/11/29	
4392	P0046AJP	Spectrometer With Selectable Radiation From Light Source	Australia	Granted	710,068	2000/01/20	3431595	1995/01/17	
4392	P0046AJP	Spectrometer With Selectable Radiation From Light Source	Europe	Pending	0768324		95118662.9	1995/10/04	
4392	P0046AJP	Spectrometer With Selectable Radiation From Light Source	Japan	Pending			271077/95	1995/10/19	
4411	P0047AJP	Flow Regulation In Gas Chromatograph	Australia	Allowed			4580106	1996/02/28	
4411	P0047ACA	Flow Regulation In Gas Chromatograph	Europe	Pending			2,170,080	1996/02/22	
4411	P0047AJP	Flow Regulation In Gas Chromatograph	Europe	Pending	0730151		96103188.7	1996/03/01	

4472	P0063A	Ion Detector, Detector Array And Instrument Using Same	United States	Pending			09/180,167	1989/11/03
4483	P0066B	Tunable External Cavity Diode Laser	United States	Pending			09/230,499	1993/01/26
2714	P0063AEP	Solvent Delivery System	Europe	Granted	0085171	1988/04/13	82111717.3	1992/12/17
2714	P0063AFR	Solvent Delivery System	France	Granted	0085171	1988/04/13	82111717.3	1992/12/17
2714	P0063ADE	Solvent Delivery System	Germany	Granted	P3276327.2	1988/04/13	82111717.3	1992/12/17
2714	P0063AML	Solvent Delivery System	Netherlands	Granted	0085171	1988/04/13	82111717.3	1992/12/17
2714	P0063AT	Solvent Delivery System	Italy	Granted	0085171	1988/04/13	82111717.3	1992/12/17
2714	P0063AJP	Solvent Delivery System	Japan	Granted	1,764,707	1988/04/13	11602/03	1992/12/17
2714	P0063ASE	Solvent Delivery System	Sweden	Granted	0085171	1988/04/13	82111717.3	1992/12/17
2714	P0063ACH	Solvent Delivery System	Switzerland	Granted	0085171	1988/04/13	82111717.3	1992/12/17
2714	P0063ACB	Solvent Delivery System	Great Britain	Granted	0085171	1988/04/13	82111717.3	1992/12/17
2714	P0063A	Solvent Delivery System	United States	Granted	4,556,367	1988/04/13	06/632,758	1994/07/20
2765	P0066AFR	Spectrophotometer Gas Control System	France	Granted	0089204	1987/09/18		
2766	P0067ACB	Fluid Flow Control Device	Great Britain	Granted	2,085,614	1988/08/20	8125893.1	1991/08/25
2851	P008BADE	Optical Beam Splitter	Germany	Granted	P3265493.6	1988/08/21	82100648.3	1992/01/29
2851	P008BAJP	Optical Beam Splitter	Japan	Granted	1,792,015	1989/10/14	34115/82	1992/03/02
2851	P008BACH	Optical Beam Splitter	Switzerland	Granted	0059836	1988/08/21	82100648.3	1992/01/29
2851	P008ACB	Optical Beam Splitter	Great Britain	Granted	0059836	1988/08/21	82100648.3	1992/01/29
2851	P008AA	Optical Beam Splitter	United States	Granted	4,487,477	1988/12/11	06/470,427	1992/01/29
2873	P0099ADE	Apparatus Useful With A Chromatography Column	Germany	Granted	P3273842.0	1988/10/15	82106508.1	1992/07/19
2873	P0099ACH	Apparatus Useful With A Chromatography Column	Switzerland	Granted	0076688	1988/10/15	82106508.1	1992/07/19
2873	P0099AGB	Apparatus Useful With A Chromatography Column	Great Britain	Granted	0076688	1988/10/15	82106508.1	1992/07/19
2772	P0100ADE	Apparatus And Method Useful For Analyzing Refractory Substances	Germany	Granted	3205580	1989/05/13	3205580	1992/07/19
2772	P0100AJP	Apparatus Useful For Analyzing Refractory Substances	Japan	Granted	1,676,561	1989/05/26	22182/82	1992/07/19
2772	P0100A	Apparatus Useful For Analyzing Refractory Substances	United States	Granted	4,400,354	1989/08/23	06/235,781	1991/02/19
2876	P0102AEP	Control Circuit For Liquid Chromatograph	United States	Granted	4,419,575	1989/02/06	06/269,305	1991/06/02
2876	P0102AFR	Control Circuit For Liquid Chromatograph	Europe	Granted	0085172	1989/11/11	82111720.7	1992/12/17
2876	P0102ADE	Control Circuit For Liquid Chromatograph	France	Granted	0085172	1989/11/11	82111720.7	1992/12/17
2876	P0102AJP	Control Circuit For Liquid Chromatograph	Germany	Granted	P3277648.9	1989/11/11	82111720.7	1992/12/17
2876	P0102ASE	Control Circuit For Liquid Chromatograph	Italy	Granted	0085172	1989/11/11	82111720.7	1992/12/17
2876	P0102ACH	Control Circuit For Liquid Chromatograph	Sweden	Granted	1,755,762	1989/04/23	10687/83	1992/12/17
2876	P0102ACB	Control Circuit For Liquid Chromatograph	Switzerland	Granted	0085172	1989/11/11	82111720.7	1992/12/17
2876	P0102A	Control Circuit For Liquid Chromatograph	Great Britain	Granted	0085172	1989/11/11	82111720.7	1992/12/17
2876	P0102A	Control Circuit For Liquid Chromatograph	United States	Granted	4,450,574	1989/05/22	06/243,805	1992/01/29
2889	P0103AFR	Spectrophotometer	France	Granted	0087686	1987/01/07	83100489.9	1992/01/29
2889	P0103ADE	Spectrophotometer	Germany	Granted	P3368984.9	1987/01/07	83100489.9	1992/01/29
2889	P0103ACB	Spectrophotometer	Great Britain	Granted	0087686	1987/01/07	83100489.9	1992/01/29
2889	P0102A	Spectrophotometer	United States	Granted	4,464,051	1988/08/07	06/254,254	1992/03/02
2890	P0104AFR	Liquid Level Sensor	France	Granted	0129120	1988/08/17	84106228.4	1994/05/20
2890	P0104ADE	Liquid Level Sensor	Germany	Granted	P3473509.7	1988/08/17	84106228.4	1994/05/20
2890	P0104ACH	Liquid Level Sensor	Switzerland	Granted	0129120	1988/08/17	84106228.4	1994/05/20
2890	P0104ACB	Liquid Level Sensor	Great Britain	Granted	0129120	1988/08/17	84106228.4	1994/05/20
2890	P0104A	Liquid Level Sensor	United States	Granted	4,532,788	1988/08/17	06/506,232	1992/06/17
2890	P0104A	Liquid Level Sensor	United States	Granted	4,417,189	1988/11/22	06/344,247	1992/06/17
2890	P0104A	Liquid Level Sensor	Germany	Granted	3572537.0	1988/08/23	3572537	1990/08/23
2890	P0104A	Liquid Level Sensor	Japan	Granted	1,928,835	1988/08/23	19814/85	1990/08/23
2890	P0104A	Liquid Level Sensor	Sweden	Granted	0154782	1988/08/23	85100947.2	1991/11/30
2890	P0104A	Liquid Level Sensor	Switzerland	Granted	0154782	1988/08/23	85100947.2	1991/11/30
2890	P0104A	Liquid Level Sensor	Great Britain	Granted	0154782	1988/08/23	85100947.2	1991/11/30
2890	P0104A	Liquid Level Sensor	United States	Granted	4,596,765	1988/08/23	06/576,585	1992/06/17
2890	P0104A	Liquid Level Sensor	Australia	Granted	561,564	1987/05/14	18434/83	1988/08/23
2890	P0104A	Liquid Level Sensor	Germany	Granted	P3378594.5	1988/11/20	83107709.4	1992/06/17
2890	P0104A	Liquid Level Sensor	Italy	Granted	0101982	1988/11/20	83107709.4	1992/06/17
2890	P0104A	Liquid Level Sensor	Great Britain	Granted	0101982	1988/11/20	83107709.4	1992/06/17
2890	P0104A	Liquid Level Sensor	Europe	Granted	0101982	1988/11/20	83107709.4	1992/06/17

3061	P0110ABE	Sfp Clutch Assembly	Belgium	Granted	0 133 226	1988/03/30	B4108028.6	1984/7/9
3061	P0110AFR	Sfp Clutch Assembly	France	Granted	0133226	1988/03/30	B4108028.6	1984/7/9
3061	P0110ADN	Coupler Mechanism	Germany	Granted	3470189.0	1988/03/30	B4108028.6	1984/7/9
3061	P0110ANL	Sfp Clutch Assembly	Netherlands	Granted	0133226	1988/03/30	B4108028.6	1984/7/9
3061	P0110ANT	Sfp Clutch Assembly	Italy	Granted	0133226	1988/03/30	B4108028.6	1984/7/9
3061	P0110ACH	Sfp Clutch Assembly	Switzerland	Granted	0133226	1988/03/30	B4108028.6	1984/7/9
3061	P0110A	Sfp Clutch Assembly	United States	Granted	4 560 050	1985/12/24	B61517.080	1984/07/25
3076	P0111AEP	Spectrophotometer	Europe	Granted	0135761	1991/06/05	B4108506.0	1984/08/09
3076	P0111ABE	Spectrophotometer	Belgium	Granted	0 135 761	1991/06/05	B4108506.0	1984/08/09
3076	P0111AFR	Spectrophotometer	France	Granted	0135761	1991/06/05	B4108506.0	1984/08/09
3076	P0111ADE	Optical Design Of Fourier Transform Spectrophotometer	Germany	Granted	P3484968.9	1991/06/05	B4108506.0	1984/08/09
3076	P0111ANL	Spectrophotometer	Netherlands	Granted	0135761	1991/06/05	B4108506.0	1984/08/09
3076	P0111ANT	Optical Design Of Fourier Transform Spectrophotometer	Italy	Granted	0135761	1991/06/05	B4108506.0	1984/08/09
3076	P0111AJP	Spectrophotometer	Switzerland	Granted	0135761	1991/06/05	B4108506.0	1984/08/09
3076	P0111ACB	Spectrophotometer	Great Britain	Granted	0135761	1991/06/05	B4108506.0	1984/08/09
3076	P0111AG8	Spectrophotometer	United States	Granted	4 740 082	1988/04/28	B61858.555	1986/04/24
3076	P0111A	Spectrophotometer	United States	Granted	4 448 684	1984/05/15	06/461.789	1983/07/23
3109	P0112A	Solvent Pressurizing System	United States	Granted	4 618 835	1986/10/21	06/558.765	1984/07/06
3111	P0114A	Liquid Chromatography Controller	United States	Granted	4 548 713	1985/10/22	06/585.864	1984/03/02
3111	P0114ADE	RIV Pulse Damper	Germany	Granted	3585428.5	1988/10/05	3585429	1984/10/05
3111	P0114AJP	RIV Pulse Damper	Japan	Granted				
3111	P0114ASE	Pulse Damper	Sweden	Granted	0156132	1988/10/05	B5101252.6	1985/02/06
3111	P0114ACB	Pulse Damper	Switzerland	Granted	0156132	1988/10/05	B5101252.6	1985/02/06
3111	P0114AG8	Pulse Damper	Great Britain	Granted	0156132	1988/10/05	B5101252.6	1985/02/06
3138	P0116AAJ	Holder Assembly For Reaction Tubes	Australia	Allowed	705 769	1993/06/24	32881785	1985/08/27
3138	P0117AAJ	ICP Bad Plasma Detector	Australia	Allowed	705 035	1993/06/24	62194796	1994/02/11
3135	P0115AEP	Instantaneous Reading Multichannel Polychromatic Spectrophot	Europe	Granted	0182200	1986/03/06	B5101901.6	1986/02/14
3135	P0115AFR	Instantaneous Reading Multichannel Polychromatic Spectrophot	France	Granted	0192200	1990/03/06	B5101901.6	1986/02/14
3135	P0115ADE	A Novel Array Spectrometer	Germany	Granted	3650491.2	1986/03/06	3650491	1986/03/06
3135	P0115ANL	Instantaneous Reading Multichannel Polychromatic Spectrophot	Netherlands	Granted	0192200	1986/03/06	B5101901.6	1986/02/14
3135	P0115AJP	A Novel Array Spectrometer	Japan	Granted	2 602 809	1987/07/29		
3135	P0115ACH	Instantaneous Reading Multichannel Polychromatic Spectrophot	Switzerland	Granted	0192200	1986/03/06	B5101901.6	1986/02/14
3135	P0115AG8	Instantaneous Reading Multichannel Polychromatic Spectrophot	Great Britain	Granted	0192200	1986/03/06	B5101901.6	1986/02/14
3138	P0116ADE	Holder Assembly For Reaction Tubes	United States	Granted	4 678 817	1987/07/07	06/703.280	1985/02/18
3138	P0116AJP	Holder Assembly For Reaction Tubes	Germany	Granted	3407085	1984/12/22	3407085	1984/02/27
3138	P0116A	Holder Assembly For Reaction Tubes	Japan	Granted	1 919 140	1985/04/07	35458/84	1984/02/28
3139	P0117A	Apparatus For Monitoring A Plasma Torch	United States	Granted	5 032 283	1991/07/16	06/882.017	1986/07/03
3142	P0118AEP	An Apparatus And Method For Optimizing Separation Of An Unin	Europe	Granted	4 640 827	1991/07/20	06/526.758	1983/08/26
3142	P0118AFR	An Apparatus And Method For Optimizing Separation Of An Unin	France	Granted	0175925	1992/09/30	B5110513.0	1985/08/21
3142	P0118ADE	An Apparatus And Method For Optimizing Separation Of An Unin	Germany	Granted	P3586705.1	1992/09/30	B5110513.0	1985/08/21
3142	P0118ANL	An Apparatus And Method For Optimizing Separation Of An Unin	Netherlands	Granted	0175925	1992/09/30	B5110513.0	1985/08/21
3142	P0118AJP	An Apparatus And Method For Optimizing Separation Of An Unin	Japan	Granted	2 075 811	1996/07/25		
3142	P0118ACH	An Apparatus And Method For Optimizing Separation Of An Unin	Switzerland	Granted	0175925	1992/09/30	B5110513.0	1985/08/21
3142	P0118AG8	An Apparatus And Method For Optimizing Separation Of An Unin	Great Britain	Granted	0175925	1992/09/30	B5110513.0	1985/08/21
3142	P0118A	Apparatus And Method For Optimizing Separation Of A Sample	United States	Granted	4 579 663	1988/04/01	06/853.256	1984/08/24
3142	P0118A	Production Of Flexible Glass Capillary Tubing Without Extern	United States	Granted				
3162	P0120A	Light Detector Apparatus	United States	Granted	5 072 345	1991/12/17	06/53.370	1985/07/09
3163	P0121A	Sample Cell Temperature Stabilizer	United States	Granted	4 589 477	1988/05/20	06/576.980	1984/02/03
3173	P0123AEP	Compensator Plate Adjustment For Beam Splitter	Europe	Granted	0137206	1991/10/23	B4109507.8	1984/08/09
3173	P0123AFR	Compensator Plate Adjustment For Beam Splitter	Belgium	Granted	0137206	1991/10/23	B4109507.8	1984/08/09
3173	P0123ADE	Compensator Plate Adjustment For Beam Splitter	France	Granted	0137206	1991/10/23	B4109507.8	1984/08/09
3173	P0123ADN	Compensator Plate Adjustment For Beam Splitter	Germany	Granted	P3483982.5	1991/10/23	B4109507.8	1984/08/09
3173	P0123ANL	Compensator Plate Adjustment For Beam Splitter	Netherlands	Granted	0137206	1991/10/23	B4109507.8	1984/08/09
3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Italy	Granted	0137206	1991/10/23	B4109507.8	1984/08/09

3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Japan	Granted	2,131,945	1986/04/12			
3173	P0123ACH	Compensator Plate Adjustment For Beam Splitter	Switzerland	Granted	0,137,206	1991/10/12/3	64109507.8	1984/08/09	
3173	P0123AGB	Compensator Plate Adjustment For Beam Splitter	Great Britain	Granted	0,137,206	1991/10/12/3	64109507.8	1984/08/09	
3173	P0123A	Assembly For Adjusting An Optical Element	United States	Granted	4,735,505	1989/04/05	081627.885	1985/06/20	
3175	P0124ABE	Purge Shutter Mechanism	Belgium	Granted	0,144,539	1989/04/08			
3175	P0124ANL	Purge Shutter Mechanism	Germany	Granted	247,9331.3	1988/04/08			
3175	P0124ANT	Purge Shutter Mechanism	Netherlands	Granted	0,144,539	1989/04/08			
3175	P0124AJP	Purge Shutter Mechanism	Italy	Granted	0,144,539	1989/04/08			
3175	P0124ACH	Purge Shutter Mechanism	Japan	Granted	1,772,551	1989/07/14			
3176	P0124A	Purge Shutter Mechanism	Switzerland	Granted	0,144,539	1989/04/08			
3176	P0125AEP	Digital Control For Rapid Retl Of A Liquid Chromatograph	United States	Granted	4,602,435	1989/04/05	061549.952	1983/11/06	
3176	P0125AER	Digital Control For Rapid Retl Of A Liquid Chromatograph	Europe	Granted	0,194,450	1991/01/23	85101623	1986/02/07	
3176	P0125ADE	Digital Control For Rapid Retl Of A Liquid Chromatograph P	France	Granted	0,194,450	1991/01/23			
3176	P0125ANL	Digital Control For Rapid Retl Of A Liquid Chromatograph	Germany	Granted	36,770,729.8	1991/01/23	3077029	1991/01/23	
3176	P0125ANT	Digital Control For Rapid Retl Of A Liquid Chromatograph	Netherlands	Granted	0,194,450	1991/01/23			
3176	P0125AJP	Digital Control For Rapid Retl Of A Liquid Chromatograph	Italy	Granted	0,194,450	1991/01/23			
3176	P0125ASE	Digital Control For Rapid Retl Of A Liquid Chromatograph	Sweden	Granted	1,979,685	1993/10/12/3			
3176	P0125ACH	Digital Control For Rapid Retl Of A Liquid Chromatograph	Switzerland	Granted	0,194,450	1991/01/23			
3176	P0125AGB	Digital Control For Rapid Retl Of A Liquid Chromatograph P	United States	Granted	0,194,450	1991/01/23			
3176	P0125A	Digital Control For Rapid Retl Of A Liquid Chromatograph P	Great Britain	Granted	4,642,649	1987/02/17	067700.765	1985/02/11	
3186	P0126AEP	Interferometer Mirror Adjustment	Europe	Granted	0,156,173	1989/11/02	85103202	1985/03/19	
3186	P0126AER	Interferometer Mirror Adjustment	France	Granted	0,156,173	1989/11/02			
3186	P0126ADE	Interferometer Mirror Adjustment	Germany	Granted	1,976,664	1989/11/02	3574060	1984/11/02	
3186	P0126AJP	Interferometer Mirror Adjustment	Japan	Granted	1,976,664	1989/11/02			
3186	P0126AGB	Interferometer Mirror Adjustment	Great Britain	Granted	0,156,173	1989/11/02			
3186	P0126A	Assembly For Positioning An Optical Element	United States	Granted	4,621,899	1986/11/11	06590.768	1984/04/08	
3213	P0128AEP	Micro Argon Detector	Europe	Granted	0,184,482	1982/08/19	85305186.8	1983/07/22	
3213	P0128AER	Micro Argon Detector	France	Granted	0,184,482	1982/08/19	85305186.8	1983/07/22	
3213	P0128ADE	Micro Argon Detector	Germany	Granted	1,962,008.19	1982/08/19	85305186.8	1983/07/22	
3213	P0128ANL	Micro Argon Detector	Netherlands	Granted	0,184,482	1982/08/19	85305186.8	1983/07/22	
3213	P0128AJP	Micro Argon Detector	Japan	Granted	1,962,008.19	1982/08/19	85305186.8	1983/07/22	
3213	P0128ACH	Micro Argon Detector	Switzerland	Granted	0,184,482	1982/08/19	85305186.8	1983/07/22	
3213	P0128AGB	Micro Argon Detector	United States	Granted	4,740,695	1982/08/19	85305186.8	1983/07/22	
3213	P0128A	Ionization Detector For Gas Chromatography	United States	Granted	0,184,482	1982/08/19	85305186.8	1983/07/22	
3234	P0129A	Apparatus For Controlling A Plasma	United States	Granted	4,601,810	1986/08/02	066724.313	1984/04/26	
3255	P0130AEP	Liquid Chromatographic Cartridge Column System	Europe	Granted	0,161,493	1982/05/20	85104441.2	1983/04/12	
3255	P0130AER	Liquid Chromatographic Cartridge Column System	France	Granted	0,161,493	1982/05/20	85104441.2	1983/04/12	
3255	P0130ADE	Liquid Chromatographic Cartridge Column System	Germany	Granted	1,962,008.19	1982/05/20	85104441.2	1983/04/12	
3255	P0130ANL	Liquid Chromatographic Cartridge Column System	Netherlands	Granted	0,161,493	1982/05/20	85104441.2	1983/04/12	
3255	P0130AJP	Liquid Chromatographic Cartridge Column System	Japan	Granted	2,517,045	1989/07/27	158959.94	1985/06/07	
3255	P0130ACH	Liquid Chromatographic Cartridge Column System	Switzerland	Granted	0,161,493	1982/05/20	85104441.2	1983/04/12	
3255	P0130AGB	Liquid Chromatographic Cartridge Column System	Great Britain	Granted	4,581,014	1989/05/02	85104441.2	1983/04/12	
3255	P0130A	Liquid Chromatographic Cartridge Column System	United States	Granted	4,581,014	1989/05/02	06507.878	1984/05/07	
3256	P0243AEP	Polyethimolator For Multi-Element Analysis	Europe	Granted	0,282,043	1983/10/20			
3256	P0243AER	Polyethimolator For Multi-Element Analysis	Europe	Granted	0,155,496	1991/01/02	85101457	1985/02/11	
3256	P0243A	Polyethimolator For Multi-Element Analysis	United States	Granted	4,795,257	1989/01/03	07/024.237	1987/03/10	
3258	P0131AER	Dual Servo Impedance Matching System For Icp Spectroscopy	France	Granted	0,155,496	1991/01/02			
3258	P0131ADE	Dual Servo Impedance Matching System For Icp Spectroscopy	Germany	Granted	1,591,010/2	1991/01/02	3580891	1991/01/20	
3258	P0131ANT	Dual Servo Impedance Matching System For Icp Spectroscopy	Italy	Granted	0,155,496	1991/01/02			
3258	P0131AJP	Dual Servo Impedance Matching System For Icp Spectroscopy	Japan	Granted	2,111,789	1996/03/22	61095093	1985/02/28	
3258	P0244A	Section Grating Generator	United States	Granted	5,108,187	1992/04/28	07722.393	1991/06/19	
3258	P0131AAGB	Dual Servo Impedance Matching System For Icp Spectroscopy	Great Britain	Granted	0,155,496	1991/01/02			
3258	P0245AEP	Plasma Emission Source	United States	Granted	4,629,940	1986/12/16	06585.807	1984/03/02	
3258	P0245AER	Correction Of Spectra For Stray Radiation	Europe	Granted	0,656,9751	1990/08/05			
3258	P0245A	Correction Of Spectra For Stray Radiation	France	Granted	0,656,9751	1990/08/05			

4314	P0245ADE	Correction Of Spectra For Stray Radiation	Germany	Granted	69412221.1	1988/02/06		
3288	P0132AEP	Multiple Streams Sampling System	Europe	Granted	0154186	1991/09/25		
4314	P0245AJP	Correction Of Spectra For Stray Radiation	Japan	Pending				
3288	P0132ADE	Multiple Streams Sampling System	Germany	Granted	3504175.3	1991/09/25		
3288	P0132ASE	Multiple Streams Sampling System	Sweden	Granted	0154186	1991/09/25		
4314	P0245AGB	Correction Of Spectra For Stray Radiation	Great Britain	Granted	0658751	1988/02/05		
3288	P0132ACH	Multiple Streams Sampling System	Switzerland	Granted	0154186	1991/09/25		
4314	P0245A	Correction Of Spectra For Stray Radiation	United States	Granted	5,428,558	1995/06/27	06/188,800	1993/12/17
3288	P0132A	Apparatus For Precisely Monitoring Composition Of Samples	United States	Granted	4,676,639	1987/07/07	06/685,787	1984/03/02
3282	P0134A	Synchronous Wavelength Drive And Data Acquisition Conversion	United States	Granted	4,660,877	1997/04/28	06/004,344	1985/02/22
3286	P0135A	Safety Apparatus For an Atomic Absorption Spectro Burner	United States	Granted	4,597,034	1986/02/04	06/670,711	1984/11/13
3307	P0137A	Self-Spraying Lampholder	United States	Granted	4,597,034	1986/06/24	06/670,715	1984/11/13
3307	P0138AEP	Programmed Temperature Control Of A Thermal System	Europe	Granted	0184283	1991/12/04	85305195.1	1985/07/22
3307	P0138AFR	Programmed Temperature Control Of A Thermal System	France	Granted	0184283	1991/12/04	85305195.1	1985/07/22
3307	P0138ADE	Programmed Temperature Control Of A Thermal System	Germany	Granted	P3584824.3	1991/12/04	85305195.1	1985/07/22
3307	P0138ANL	Programmed Temperature Control Of A Thermal System	Netherlands	Granted	0184283	1991/12/04	85305195.1	1985/07/22
3307	P0138AJP	Programmed Temperature Control Of A Thermal System	Japan	Granted	2,003,583	1996/02/19	27238165	1985/07/22
3307	P0138ACH	Programmed Temperature Control Of A Thermal System	Switzerland	Granted	0184283	1991/12/04	85305195.1	1985/07/22
3307	P0138AGB	Programmed Temperature Control Of A Thermal System	Great Britain	Granted	0184283	1991/12/04	85305195.1	1985/07/22
3309	P0138A	Programmed Temperature Control Of A Thermal System	United States	Granted	4,752,216	1984/06/21	06/830,882	1984/11/13
3309	P0139A	Ionization Detectors For Gas Chromatography	United States	Granted	4,837,441	1989/06/06	06/822,585	1986/10/24
3312	P0138AGB	Ionization Detectors For Gas Chromatography	Great Britain	Granted	2,103,897	1990/07/11	8526765.6	1985/10/20
3312	P0140ADE	Linearized Ultra-Low Noise MCT Preamp	Germany	Granted	3605488	1985/05/24	3605488	1986/02/20
3312	P0140AJP	Linearized Ultra-Low Noise MCT Preamp	Japan	Granted	2,068,543	1986/07/10	35403946	1986/02/21
3312	P0140AGB	Detector Pre-amplifier	Great Britain	Granted	2,171,512	1984/01/25	8601,998.8	1986/01/28
3313	P0141A	Fluid Flow Control System	United States	Granted	4,692,022	1987/07/21	06/004,355	1984/11/13
2445	P0256ADE	Optical Beam Switching Apparatus	United States	Granted	4,617,953	1986/10/21	06/670,714	1984/11/13
2445	P0256AJP	Optical Beam Switching Apparatus	Germany	Granted	P2828145	1987/09/10	2828145	1987/06/27
2445	P0256AGB	Optical Beam Switching Apparatus	Ireland	Granted	1116127	1986/02/03		
3321	P0143A	System For Changing Oxidants In A Spectrophotometer	Great Britain	Granted	1599348	1978/05/20		
2515	P0257AJP	Phase Synchronization	United States	Granted	4,571,172	1986/02/18	06/670,713	1984/11/13
2515	P0257AGB	Spectroscopic Phase Synchronization Apparatus	Japan	Granted	1,711,151	1992/11/11	862402	1982/01/25
2515	P0267A	Phase Synchronization Apparatus	Great Britain	Granted	2,092,898	1984/04/22	8131707.6	1981/10/21
2646	P0258AJP	Method And Apparatus For Determining The Nature Of An Unknown	United States	Granted	4,386,852	1984/06/07	06/829,683	1981/01/29
2646	P0258AGB	Apparatus And Method For Determining The Nature Of An Unknown	Japan	Granted	1,670,092	1992/06/12	1675381	1981/02/06
2780	P0101AAU	Apparatus Useful For Positioning A Light Filter	Great Britain	Granted	2,070,235	1984/02/01	8103068.4	1981/02/02
3331	P0144AFR	Solvent Pressurizing & Degassing System	Australia	Granted	564,477	1985/12/12	84537182	1982/06/01
3331	P0260AEP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	France	Granted	0179349	1989/05/24		
3331	P0144ADE	Solvent Pressurizing & Degassing System	Europe	Pending				
3331	P0144ANL	Solvent Pressurizing & Degassing System	Germany	Granted	3570527.2	1989/05/24	90101324.3	1990/01/23
3331	P0144ACH	Solvent Pressurizing & Degassing System	Netherlands	Granted	0179349	1989/05/24	3570527	1989/05/24
3331	P0144AGB	Solvent Pressurizing & Degassing System	Switzerland	Granted	0179349	1989/05/24		
3331	P0144A	Solvent Pressurizing & Degassing System	Great Britain	Granted	0179349	1989/05/24		
60377E	P0280AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,561,452	1989/05/24	06/655,574	1984/10/10
3365	P0145AEP	Ionization Detector For Gas Chromatography	Japan	Pending	3,063,892	2000/04/07	36543390	1990/01/16
3365	P0145AFR	Ionization Detector For Gas Chromatography	Europe	Granted	0249714	1992/06/17	8105713.9	1987/04/16
3365	P0145ADE	Ionization Detector For Gas Chromatography	France	Granted	0249714	1992/06/17	8105713.9	1987/04/16
3365	P0145ANL	Ionization Detector For Gas Chromatography	Germany	Granted	P3778818.9	1992/06/17	8105713.9	1987/04/16
3365	P0145AJP	Ionization Detector For Gas Chromatography	Netherlands	Granted	0249714	1992/06/17	8105713.9	1987/04/16
3366	P0280ACA	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Canada	Allowed	2,007,762	2000/01/14	2,007,762	1990/01/15
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Italy	Granted	0249714	1992/06/17	8105713.9	1987/04/16
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Japan	Granted	2,574,288	1988/10/24		
3365	P0145ASE	Ionization Detectors For Gas Chromatography	Sweden	Granted	0249714	1992/06/17	8105713.9	1987/04/16
3365	P0145AGB	Ionization Detectors For Gas Chromatography	United States	Granted	0249714	1992/06/17	8105713.9	1987/04/16
3365	P0145A	Ionization Detectors For Gas Chromatography	Great Britain	Granted	4,873,662	1989/10/17	07/004,810	1987/01/09
4369	P0042AAU	Nebulizer	Australia	Granted	107,363	1999/07/08	25011195	1995/07/14

3389	P0146AEP	Automatic Optimization Procedure	Europe	Granted	0192201	1992/07/29			
3389	P0146AAU	Automatic Optimization Procedure	Australia	Granted	566,853	1989/07/27	6344/06	1990/02/20	
3389	P0146ACA	Automatic Optimization Procedure	Canada	Granted	1,271,342	1990/07/10	500,941	1995/01/31	
3389	P0146ADE	Automatic Optimization Procedure	Germany	Granted	3666175.8	1992/07/28			
3389	P0146ANL	Automatic Optimization Procedure	Netherlands	Granted	0192201	1992/07/28			
3389	P0146AT	Automatic Optimization Procedure	Italy	Granted	0192201	1992/07/28			
3389	P0146AJP	Automatic Optimization Procedure	Japan	Granted	1,911,192	1995/03/09	3540/818	1996/02/21	
3389	P0146ACH	Automatic Optimization Procedure	Switzerland	Granted	0192201	1992/07/28			
3389	P0146A	Optimization Apparatus and Procedure	Australia	Granted	4,689,754	1991/08/25	08/704,358	1995/02/21	
3389	P0199AAU	Atomic Absorption Spectrometer	United States	Granted	502,261	1989/03/16	60856/85	1990/02/07	
3389	P0199AJP	Atomic Absorption Spectrometer	Japan	Granted	2,118,078	1990/12/06			
3389	P0199A	Atomic Absorption Spectrometer	United States	Granted	4,991,960	1991/02/12	06/893,766	1996/08/06	
3389	P0200AJP	Gas Control Device For Controlling The Fuel Gas	Japan	Granted	2,016,021	1990/02/19	1917/87/86	1996/08/18	
3389	P0200A	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,689,324	1991/06/02	06/853,263	1996/04/17	
3389	P0203A	Burner Assembly For Atomic Absorption Spectrometer	United States	Granted	4,776,594	1990/10/17	06/932,957	1996/11/18	
3389	P0147AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Japan	Granted					
3389	P0175A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	5,665,621	1991/10/01	07/618,123	1990/11/18	
3389	P0262A	Electrothermal Atomization Furnace For Spectroscopy	United States	Granted	4,917,493	1990/04/17	07/205,868	1990/06/13	
3389	P0018A	Synchronization Of Digital Signals With Alternating Current	United States	Granted	4,861,207	1990/10/02	07/389,150	1991/04/02	
3389	P0023A	Plunger/Homing Mechanism For Use In Chromatography	United States	Granted	5,360,598	1996/11/01	07/584,826	1990/04/06	
3389	P0031A	Single Element Thermal Conductivity Detector	United States	Granted	5,265,459	1993/11/30	07/748,568	1991/08/22	
3389	P0028A	Circuit For Heating And Sensing With A Single Element	United States	Granted	5,098,196	1992/03/24	07/637,392	1991/02/04	
3389	P0261AAU	Optical Coupling Device	Australia	Granted	542,372	1995/02/21	7697/261	1991/10/20	
3389	P0261ADE	Optical Coupling Device	Germany	Granted	317,932.7	1997/02/25	317,932	1997/02/25	
3389	P0261ACH	Optical Coupling Device	Switzerland	Granted	0051192	1997/02/25			
3389	P0022A	Standardizing And Calibrating A Spectrometric Instrument	United States	Granted	5,303,165	1994/04/12	07/634,448	1992/02/12	
3389	P0041A	Hybrid Valving System For Varying Fluid Flow Rate	United States	Granted	5,329,985	1994/07/19	08/100,596	1993/07/30	
3389	P0044A	Optical Spectrometer For Detecting Spectra In Separate Range	United States	Granted	5,565,983	1996/10/15	08/451,351	1995/05/26	
3389	P0042A	Nebulizer	United States	Granted	5,464,157	1995/11/07	08/276,144	1994/07/18	
3389	P0043B	Spark Sampling Microparticle Generator And Method	United States	Granted	5,452,089	1995/08/18	08/137,854	1993/10/15	
3389	P0021A	3 Point Bending Measuring System	United States	Granted	4,976,162	1990/12/11	07/435,114	1990/11/13	
3389	P0024C	Vial Locator And Sensor	United States	Granted	5,171,530	1992/12/15	07/803,689	1991/12/03	
3389	P0084AEP	Integral Separation Capillary/Conductivity Detector	Europe	Granted	0241940	1993/01/27	87105712.1	1997/04/06	
3389	P0084AFR	Integral Separation Capillary/Conductivity Detector	France	Granted	0241940	1993/01/27	87105712.1	1997/04/16	
3389	P0084ADE	Integral Separation Capillary/Conductivity Detector	Germany	Granted	0241940	1993/01/27	87105712.1	1997/04/16	
3389	P0084ANL	Integral Separation Capillary/Conductivity Detector	Netherlands	Granted	0241940	1993/01/27	87105712.1	1997/04/16	
3389	P0084AT	Integral Separation Capillary/Conductivity Detector	Italy	Granted	0241940	1993/01/27	87105712.1	1997/04/16	
3389	P0084AJP	Integral Separation Capillary/Conductivity Detector	Japan	Granted	2,735,546	1993/01/27			
3389	P0084ASE	Integral Separation Capillary/Conductivity Detector	Sweden	Granted	0241940	1993/01/27	87105712.1	1997/04/16	
3389	P0084AGB	Integral Separation Capillary/Conductivity Detector	Great Britain	Granted	0241940	1993/01/27	87105712.1	1997/04/16	
3389	P0084A	Method Of Fabricating Capillary Element, Separation Channels	United States	Granted	4,616,123	1990/03/26	07/051,808	1991/01/06	
3389	P0264A	Grauping Finger Protection Sensor For A Liquid System	United States	Granted	4,682,805	1997/07/28	06/830,163	1996/02/18	
3389	P0264A	Power Circuit For Spectral Analysis Gaseous Discharge Lamp	United States	Granted	4,716,342	1997/12/29	06/804,648	1996/12/05	
3389	P0264A	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,779,679	1998/10/16	06/835,985	1996/08/25	
3389	P0264A	Frictionless Translational Bearing	United States	Granted	4,684,811	1998/10/16	06/837,438	1996/08/25	
3389	P0270A	System For Calibrating A Monochromator	United States	Granted	4,779,216	1998/10/16	06/837,438	1996/08/25	
3389	P0271A	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,876,005	1998/10/24	07/221,374	1996/12/08	
3389	P0271AEP	High Pressure Column Assembly For A Liquid Chromatograph	Europe	Granted	0328166	1995/08/20	89102366.1	1996/02/10	
3389	P0271ADE	High Pressure Column Assembly For A Liquid Chromatograph	Germany	Granted	0328166	1995/08/20	89102366.1	1996/02/10	
3389	P0271AGB	High Pressure Column Assembly For A Liquid Chromatograph	Great Britain	Granted	0328166	1995/08/20	89102366.1	1996/02/10	
3389	P0272A	Programmable Lamp Plug	United States	Granted	4,670,813	1997/06/02	06/802,924	1996/11/28	
3389	P0273A	Phase Angle Measurement	United States	Granted					
3389	P0273AEP	Phase Angle Measurement	Europe	Granted					
3389	P0273AFR	Phase Angle Measurement	France	Granted					
3389	P0273ADE	Phase Angle Measurement	Germany	Granted					
3389	P0273AIT	Phase Angle Measurement	Italy	Granted					

3628	P0286ADE	Inductively Coupled Plasma Torch With Sample Injector	Germany	Granted	P2868962.4	1994/01/12	88103413.6	1988/02/04
3703	P0285ADE	Thermal Conductivity Detector	Germany	Granted	P2887541.1	1994/02/02	88103409.4	1988/03/04
3809	P0300ADE	Monochromator Drift Compensation	Germany	Granted	P6813359.6	1994/03/02	88109948.3	1988/06/01
3937	P0287ADE	Power System For Inductively Coupled Plasma Torch	Germany	Granted	P2850422.7	1994/06/29	88103403.7	1988/03/04
3527	P0287ADE	Low Frequency Signal Processing Circuitry	Germany	Granted	P68919842.1	1994/07/20	88105084.3	1988/03/21
3336	P0288ADE	Detector Cell For Spectrophotometer Used In Liquid Chromatography	Germany	Granted	P68923389	1994/07/12	88106263.1	1988/03/22
4088	P0307ADE	Method And Apparatus For Computing Spectra	Germany	Granted	P69218535.4	1994/08/28	88118913.2	1989/10/02
4073	P0308ADE	Apparatus For Differential Analysis Of Sample Dielectric Pro	Germany	Granted	P69320217	1994/09/17	88302317	1989/02/11
3628	P0284ADE	Zero-Dilution Split Injector Liner For Gas Chromatography	United States	Granted	P3854208.9	1993/07/26	88102040.9	1988/02/26
4637	P0327A	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Pending			891154.208	1989/09/19
4606	P0328A	Hybrid Film Type Sensor	United States	Pending			891443.875	1989/11/19
4607	P0329A	Endcure For Analytical Instrumentation	United States	Granted	D412.991	1993/08/17	88444.334	1989/11/19
4501	P0330A	Detection Of Low Level Analytes In Samples Using Agglutinat	United States	Granted	5,942.442	1993/08/24	88731.206	1987/04/02
3809	P0300AAU	Monochromator Drift Compensation	Australia	Granted	612.847	1991/07/18	3587.489	1989/06/01
3809	P0300A	Monochromator Drift Compensation	United States	Granted	4,916.645	1991/04/10	87701.250	1988/06/02
3808	P0300ACA	Monochromator Drift Compensation	Canada	Granted	4,916.645	1991/04/10	87701.250	1988/06/02
3828	P0018ADE	Circuit For Synchronizing Digital Signals With Alternating C	Germany	Granted	4,024.459	1991/02/07	801.458	1988/08/01
4015	P0024ADE	Vial Locator And Sensor	Germany	Granted	2,235.837	1993/08/16	8016503.6	1990/07/22
4015	P0024AEP	Vial Locator And Sensor	Germany	Granted	P69108708.9	1993/05/17	81102281.2	1991/02/18
4015	P0024AU	Vial Locator And Sensor	Australia	Granted	640.453	1993/08/26	7183391	1991/02/27
4015	P0031AEP	Single Element Thermal Conductivity Detector	Europe	Granted	05292935	1990/09/02	82112375.8	1992/07/20
4070	P0031ADE	Single Element Thermal Conductivity Detector	Germany	Granted	68226833.2	1988/08/02	82112375.8	1992/07/20
4073	P0300A	Apparatus For Differential Analysis Of Sample Dielectric Pro	United States	Granted	5,309.110	1994/05/03	877845.994	1992/03/04
3730	P0278AAGB	Detector Cell For Liquid Chromatography	Great Britain	Granted	0185826	1992/08/30	85114718.1	1993/11/19
3536	P0289AAGB	3 Point Bending Measuring System	Great Britain	Granted	0735288	1994/07/12	89105283.1	1988/03/23
4015	P0024AAGB	Vial Locator And Sensor	Great Britain	Granted	0444498	1993/05/17	81102281.2	1991/02/18
4045	P0027AAGB	Standardizing And Calibrating A Spectrometric Instrument	Great Britain	Granted	0552604	1993/04/09	83100102.8	1993/01/07
4063	P0029AAGB	Method Of Manufacturing Glass Beads	Great Britain	Granted	2,261.869	1993/06/28	8233589.3	1992/11/11
4073	P0300AAGB	Apparatus For Differential Analysis Of Sample Dielectric Pro	Great Britain	Granted	0358972	1994/04/12	83102168.7	1993/02/11
4076	P0033AAGB	Absorbance Connection In Atomic Absorption Spectroscopy	Great Britain	Granted	2,262.180	1993/04/02	8223588.5	1992/11/11
4081	P0036AAGB	Method For Heating A Thermionic Detector Source	Great Britain	Granted	2,261.834	1993/04/02	8223588.5	1992/11/11
2956	P0276AAGB	Variable Gain Amplifier	Great Britain	Granted	2,116.763	1993/01/29	8303666.5	1993/02/10
4056	P0031AAGB	Device Beam Detector System For Liquid Chromatography	Great Britain	Granted	0528541	1996/04/17	92114331.9	1992/06/21
4086	P0034ADE	Photometric Instrument With Optical Fibers For Analyzing	Germany	Pending			P4424861.6	1994/07/14
	P0333A	Method For Processing A Sample	United States	Allowed			89101.819	1989/10/20
	P0333ANL	Method For Processing A Sample	The Netherlands	Pending			1002110	1996/01/17
	P0333AWD	Method For Processing A Sample	PCT	Published			PCT/NL.87/00005	1987/01/07
4462	P0328ACA	Detection Of Low Level Hydrophobic Analytes In Samples	Canada	Pending	2,235.282			1998/04/02
4462	P0328AEP	Detection Of Low Level Hydrophobic Analytes In Samples	Europe	Published			19831440.7	1999/10/04
4462	P0328AJP	Detection Of Low Level Hydrophobic Analytes In Samples	Australia	Pending			10-542004	1999/04/02
4462	P0328AAU	Detection Of Low Level Hydrophobic Analytes In Samples	Canada	Published			68796698	1998/04/02
4501	P0330ACA	Detection Of Low Level Analytes In Samples Using Agglutinat	Canada	Pending			12,235.219	1999/10/04
4501	P0330AEP	Detection Of Low Level Analytes In Samples Using Agglutinat	Europe	Published			198814435.7	1999/10/04
4501	P0330AAU	Detection Of Low Level Analytes In Samples Using Agglutinat	Australia	Pending			68793488	1998/04/02
4501	P0330AJP	Detection Of Low Level Analytes In Samples Using Agglutinat	Japan	Pending			10-541999	1999/10/04
4462	P0328A	Detection Of Low Level Hydrophobic Analytes In Samples	Europe	Pending			97800480.1	
3729	P0335A	Detector For A Spectrometer	United States	Granted	5,691.740	1999/04/06	084832.168	1997/04/02
4086	P0034BGB	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	4,820.048	1999/04/11	07123.025	1997/11/19
4559	P0329A	Computer Operated Spectrometric Instrument	Great Britain	Granted	2,312.044	1994/01/21	9714780.5	1997/07/14
	P0337A	Method And Apparatus For Iterative Spectral Compensation	United States	Allowed			081300.608	1999/04/27
5002	P0338A	Method And Apparatus For Impurity Detection	United States	Pending			091503.092	2000/02/11

4085	P0307AJP	Method And Apparatus For Comparing Spectra	Japan	Granted	5-209826	1993/08/20	4-287034	1992/10/02
4501	P0330B	Detection Of Low Level Analyses In Samples Using Alignment	United States	Pending				
	P0335A	Spectroscopic Determination Of The Dissociation Constants	United States	To File				
4449	P0340A	Non-Inimmunity Determination Of Protein-Ligand Interaction	United States					
3808	P0282AAU	Electrothermal Atomization Furnace For Spectroscopy	Australia	Granted	598,940	1990/07/05	1817508	1988/08/20
4010	P0341A	Optical Switching Device	United States	Granted	5,058,886	1991/10/15	07603,592	1990/10/25
4063	P0288A	Method Of Manufacturing Glass Beads	United States	Granted	5,198,008	1993/03/30	07706,497	1991/11/22
4086	P0334B	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	5,326,451	1996/06/11	08324,650	1994/10/18
3527	P0297A	Phase Angle Measurement	United States	Granted	4,885,683	1991/01/15	07113,201	1988/02/24
3527	P0297AT	Phase Angle Measurement	France	Granted	0343303	1994/07/20	89105064.3	1990/03/21
3527	P0297AT	Phase Angle Measurement	Italy	Granted	0343303	1988/03/21	89105064.3	1988/03/21
3527	P0297AJP	Phase Angle Measurement	Japan	Granted	1,316,631	1988/12/21	7371638	1988/03/21
3527	P0297ACH	Phase Angle Measurement	Switzerland	Granted	0343303	1994/07/20	89105064.3	1990/03/21
3527	P0297AGB	Phase Angle Measurement	Great Britain	Granted	0343303	1994/07/20	89105064.3	1990/03/21
3602	P0016B	Line Frequency Slaved Voltage-To-Frequency Converter System	United States	Granted	4,688,573	1988/09/19	07113,584	1987/11/12
3602	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Europe	Granted	0266682	1993/07/14	87115917.4	1987/10/28
3602	P0016AFR	Line Frequency Slaved Voltage-To-Frequency Converter System	France	Granted	0266682	1993/07/14	87115917.4	1987/10/28
3602	P0016ADE	Line Frequency Slaved Voltage-To-Frequency Converter System	Germany	Granted	P3786322.6	1993/07/14	87115917.4	1987/10/28
3602	P0016ANE	Line Frequency Slaved Voltage-To-Frequency Converter System	Netherlands	Granted	0266682	1993/07/14	87115917.4	1987/10/28
3602	P0016ACH	Line Frequency Slaved Voltage-To-Frequency Converter System	Switzerland	Granted	0266682	1993/07/14	87115917.4	1987/10/28
3628	P0284A	Analysis Of Organic Material	United States	Granted	4,795,614	1989/01/03	07019,905	1987/10/28
3628	P0284B	Analysis Of Organic Material	United States	Granted	5,044,860	1991/09/03	07178,713	1988/04/07
3628	P0284C	Analysis Of Organic Material	United States	Granted	5,013,528	1991/05/07	07028,721	1988/07/13
3628	P0284AIT	Analysis Of Organic Material	Italy	Granted	0280335	1995/07/26	188102840.0	1988/02/28
3628	P0284AJP	Analysis Of Organic Material	Japan	Granted	2,683,011	1997/08/08	14238168	1988/02/28
3628	P0284BJP	Analysis Of Organic Material	Japan	Granted	2,730,624	1997/12/19	5619897	1997/10/16
3637	P0287A	Power System For Inductively Coupled Plasma Torch	Great Britain	Pending			562297	1997/10/16
3637	P0287AJP	Power System For Inductively Coupled Plasma Torch	United States	Granted	0280335	1995/07/26	188102840.0	1988/02/28
3637	P0287AFR	Power System For Inductively Coupled Plasma Torch	France	Granted	4,618,916	1987/03/06	07022,828	1987/03/06
3637	P0287AJP	Power System For Inductively Coupled Plasma Torch	Japan	Granted	9281157	1994/05/29	88103400.7	1988/03/04
3637	P0287AGB	Power System For Inductively Coupled Plasma Torch	Great Britain	Granted	2,708,447	1997/10/17	5179408	1988/03/07
3637	P0287AGB	Power System For Inductively Coupled Plasma Torch	United States	Granted	0281157	1994/05/29	88103400.7	1988/03/04
3638	P0286AFR	Inductively Coupled Plasma Torch With Sample Injector	France	Granted	4,766,287	1988/08/23	07022,910	1987/03/06
3638	P0286AJP	Inductively Coupled Plasma Torch With Sample Injector	Japan	Granted	0281158	1994/01/12	88103413.6	1988/03/04
3638	P0286AGB	Inductively Coupled Plasma Torch With Sample Injector	Great Britain	Granted	2,754,165	1994/01/12	5179508	1988/03/07
3684	P0288A	Chromatography Column	United States	Granted	4,872,979	1988/10/10	07041,654	1987/04/22
3684	P0288AAU	Chromatography Column	Australia	Granted	598,926	1988/04/22	15092788	1988/04/22
3684	P0288AFR	Chromatography Column	France	Granted	0267822	1993/03/10	88105748.3	1988/04/11
3684	P0288AJP	Chromatography Column	Italy	Granted	0267822	1993/03/10	88105748.3	1988/04/11
3684	P0288AGB	Chromatography Column	Japan	Granted	2,644,269	1997/05/02	96977168	1988/04/21
3684	P0288AJP	Chromatography Column	Great Britain	Granted	0287822	1993/03/10	88105748.3	1988/04/11
3684	P0288AGB	Chromatography Column	United States	Granted	4,995,163	1991/02/28	07789,676	1989/08/25
3703	P0285A	Thermal Conductivity Detector	United States	Granted	4,813,267	1989/03/21	07022,147	1987/03/05
3703	P0285AIT	Thermal Conductivity Detector	Italy	Granted	0281986	1994/02/02	88103409.4	1988/03/04
3703	P0285AJP	Thermal Conductivity Detector	Japan	Granted	2,683,012	1997/08/08	14238168	1988/03/04
3703	P0285AGB	Thermal Conductivity Detector	Great Britain	Granted	0281986	1994/02/02	88103409.4	1988/03/04
3729	P0335AEP	Detector For A Spectrometer	Australia	Granted	0316802	1994/04/06	88118828.8	1988/11/11
3729	P0335ACA	Detector For A Spectrometer	Canada	Granted	625,233	1992/10/26	2568808	1988/11/11
3729	P0335AFR	Detector For A Spectrometer	France	Granted	1,321,898	1993/09/07	581,269	1988/10/26
3729	P0335ADE	Detector For A Spectrometer	Germany	Granted	0316802	1994/04/06	88118828.8	1988/11/11
3729	P0335AJP	Detector For A Spectrometer	Italy	Granted	P388825.0	1994/04/06	88118828.8	1988/11/11
3729	P0335AGB	Detector For A Spectrometer	Japan	Granted	0316802	1994/04/06	88118828.8	1988/11/11
3729	P0335AJP	Detector For A Spectrometer	Great Britain	Granted	2,760,818	1994/04/06	29033888	1988/11/11
3729	P0335AGB	Detector For A Spectrometer	Great Britain	Granted	0316802	1994/04/06	88118828.8	1988/11/11

3729	P0335ANL	Detector For A Spectrometer	Netherlands	Granted	0316802	1994/04/06	88118828.8	1988/11/11
3772	P0301AAU	Standardization Of Spectral Lines	United States	Granted	4,803,258	1990/01/09	07201,510	1988/08/02
3772	P0301ACA	Standardization Of Spectral Lines	Australia	Granted	616,524	1991/10/21	15873189	1988/06/01
3772	P0301ACR	Standardization Of Spectral Lines	Canada	Granted	1,335,628	1993/12/23	801,317	1988/05/31
3772	P0301AIT	Standardization Of Spectral Lines	France	Granted	0344782	1993/10/27	89109947.5	1989/06/01
3772	P0301AIP	Standardization Of Spectral Lines	Italy	Granted	0344782	1993/10/27	89109947.5	1989/06/01
3772	P0301AGB	Standardization Of Spectral Lines	Japan	Granted	02-51031		13838589	1989/06/02
3808	P0262AEP	Electrothermal Atomization Furnace For Spectrometry	Great Britain	Granted	0344782	1993/10/27	89109947.5	1989/06/01
3808	P0262ADE	Electrothermal Atomization Furnace For Spectrometry	Europe	Granted	0285687	1994/03/16	88109892.2	1988/06/16
3808	P0262AAL	Electrothermal Atomization Furnace For Spectrometry	Germany	Granted	P388440.1	1994/03/16	88109892.2	1988/06/16
3808	P0262AJP	Electrothermal Atomization Furnace For Spectrometry	Netherlands	Granted	0295987	1994/03/16	88109892.2	1988/06/16
3809	P0300AER	Monochromator Drift Compensation	Japan	Pending			150390480	1988/08/20
3809	P0300AIF	Monochromator Drift Compensation	Great Britain	Granted	0295987	1994/03/16	88109892.2	1988/06/16
3809	P0300AGB	Monochromator Drift Compensation	France	Granted	0344783	1994/03/16	88109892.2	1988/06/16
3809	P0300AIP	Monochromator Drift Compensation	Italy	Granted	0344783	1994/03/16	88109892.2	1988/06/16
3809	P0300AIF	Monochromator Drift Compensation	Great Britain	Granted	0344783	1994/03/16	88109892.2	1988/06/16
4014	P0023AGB	Purging Heating Mechanism For Use In Chromatography	Japan	Pending			13838589	1989/06/02
4015	P0023AER	Vial Locater And Sensor	France	Granted	2,243,411	1993/08/25	91070258.8	1988/04/04
4015	P0023AIF	Vial Locater And Sensor	Netherlands	Granted	0444498	1995/05/17	91102281.2	1991/02/18
4015	P0023AIF	Vial Locater And Sensor	Italy	Granted	0444498	1995/05/17	91102281.2	1991/02/18
4015	P0023ACH	Vial Locater And Sensor	Switzerland	Granted	0444498	1995/05/17	91102281.2	1991/02/18
4056	P0331AEP	Double Beam Detector System For Liquid Chromatography	United States	Granted	5,173,742	1992/12/22	07751,415	1991/08/28
4056	P0331ADE	Double Beam Detector System For Liquid Chromatography	Europe	Granted	0528541	1996/04/17	92114331.9	1992/08/21
4056	P0331AIF	Double Beam Detector System For Liquid Chromatography	Germany	Granted	P63209936.0	1996/04/17	92114331.9	1992/08/21
4056	P0331AIF	Double Beam Detector System For Liquid Chromatography	Netherlands	Granted	0528541	1996/04/17	92114331.9	1992/08/21
4056	P0331ACH	Double Beam Detector System For Liquid Chromatography	Italy	Granted	0528541	1996/04/17	92114331.9	1992/08/21
4067	P0030ADE	Inductively Coupled Plasma Generator	Switzerland	Granted	0528541	1996/04/17	92114331.9	1992/08/21
4067	P0030AEP	Inductively Coupled Plasma Generator	Germany	Granted	P63301952.2	1996/04/17	92114331.9	1992/08/21
4067	P0030AIF	Inductively Coupled Plasma Generator	Europe	Granted	0568920	1996/04/17	93106923.1	1993/04/28
4067	P0030AIF	Inductively Coupled Plasma Generator	France	Granted	0568920	1996/04/17	93106923.1	1993/04/28
4067	P0030AIF	Inductively Coupled Plasma Generator	Italy	Granted	0568920	1996/04/17	93106923.1	1993/04/28
4067	P0030AGB	Inductively Coupled Plasma Generator	Great Britain	Granted	0568920	1996/04/17	93106923.1	1993/04/28
4068	P0307AER	Method And Apparatus For Comparing Spectra	United States	Granted	15,308,982	1994/05/03	071956,518	1992/10/02
4068	P0307AIF	Method And Apparatus For Comparing Spectra	France	Granted	0535700	1997/02/26	92116913.2	1992/10/02
4068	P0307ACH	Method And Apparatus For Comparing Spectra	Netherlands	Granted	0535700	1997/02/26	92116913.2	1992/10/02
4068	P0307AGB	Method And Apparatus For Comparing Spectra	Switzerland	Granted	0535700	1997/02/26	92116913.2	1992/10/02
3807	P000BA	Electrothermal Atomization Of Samples	Great Britain	Granted	0535700	1997/02/26	92116913.2	1992/10/02
3807	P000BAGB	Electrothermal Atomization Of Samples	United States	Granted	4,838,443	1990/01/23	07208,936	1988/06/16
3807	P000BAU	Electrothermal Atomization Of Samples	Great Britain	Granted	0286480	1992/11/18	88109581.4	1988/06/16
3807	P000BAU	Electrothermal Atomization Of Samples	Australia	Granted	602,098	1991/02/12	18174788	1988/06/16
3807	P000BAU	Electrothermal Atomization Of Samples	Europe	Granted	0296480	1992/11/19	88109581.4	1988/06/16
3807	P000BAEP	Electrothermal Atomization Of Samples	Germany	Granted	P3178018.5	1992/11/19	88109581.4	1988/06/16
3807	P000BADE	Electrothermal Atomization Of Samples	Netherlands	Granted	0286480	1992/11/19	88109581.4	1988/06/16
3807	P000BAIP	Electrothermal Atomization Of Samples	Japan	Granted	2,633,628	1997/04/23	150392788	1988/06/16
3536	P028BAJ	Detector Cell For Liquid Chromatography	United States	Granted	4,886,356	1997/04/23	071176,524	1988/06/16
3536	P028BAFR	Detector Cell For Liquid Chromatography	France	Granted	0335288	1995/07/12	89105263.1	1989/03/23
3536	P028BAH	Detector Cell For Liquid Chromatography	Italy	Granted	0335288	1995/07/12	89105263.1	1989/03/23
3536	P028BAH	Detector Cell For Liquid Chromatography	Netherlands	Granted	0335288	1995/07/12	89105263.1	1989/03/23
3536	P028BAH	Detector Cell For Liquid Chromatography	United States	Granted	4,985,626	1991/01/15	071682,245	1989/01/09
3536	P028BAH	Detector Cell For Liquid Chromatography	United States	Granted	5,228,638	1993/07/20	071682,631	1992/01/21
4076	P0031A	Absorbance Correction In Atomic Absorption Spectrometry	Great Britain	Granted	5,315,528	1994/05/24	071801,990	1991/12/03
4317	P0041AER	Hybrid Valving System For Varying Fluid Flow Rate	Germany	Published	0528285	1998/09/02	92112375.8	1992/07/20
4317	P0041AIF	Hybrid Valving System For Varying Fluid Flow Rate	France	Published			94109891.5	1994/06/27
4317	P0041AGB	Hybrid Valving System For Varying Fluid Flow Rate	Great Britain	Published			94109891.5	1994/06/27

2766	P0097A	Fluid Flow Control Device	United States	Granted	4,354,932	1982/10/19	06/197,302	1980/10/15
4458	P0059A	Heater Control Circuit	United States	Granted	5,672,289	1997/08/20	00/589,410	1986/07/11
4443	P0056A	Apparatus For Controlling Level Of Cryogenic Liquid	United States	Granted	5,671,603	1997/08/20	00/564,435	1995/12/09
4435	P0054A	Dry Gas Curtain For Cryogenic Surface	United States	Granted	5,580,537	1997/01/07	00/524,555	1982/09/07
4431	P0050A	Calorimeter Having Rapid Coating Of A Heating Vessel Therein	United States	Granted	5,876,118	1996/03/02	00/565,388	1995/12/08
4430	P0048A	Gas Chromatographic System With Controlled Sample Transfer	United States	Granted	5,771,766	1996/01/27	00/724,689	1996/10/21
4411	P0047A	Flow Regulation In Gas Chromatography	United States	Granted	5,645,252	1996/08/13	00/837,707	1995/03/01
3522	P0200A	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,601,530	1997/07/21	00/833,770	1996/06/16
4073	P0038AJP	Differential Dielectric Analyzer	Japan	Pending			05-064442	1997/03/02
3536	P028BAEP	Detector Cell	Europe	Granted	0356289	1996/07/12	89106263.1	1995/03/23
2856	P0276A	Optical Coupling Device	United States	Granted	4,484,212	1985/01/15	06/628,547	1984/07/06
2782	P0278A	Precursor System With Synchronous Clock For Generation Of TI	United States	Granted	4,345,478	1982/08/24	06/724,783	1981/10/13
2730	P0278A	Multiport Valve In Gas Collection System And Method Of Use	United States	Granted	4,801,211	1988/07/22	06/880,688	1984/12/12
3536	P028BAJP	Low Cost Detector Cell	Japan	Granted	12,042,337	1999/12/24	78/52/89	1998/03/31
4511	P028BEF	Detector Cell For Liquid Chromatography	Europe	Published	0628574		94109152.9	1993/03/23
4511	P0089C	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Pending			099478,642	2000/01/07
5015	P0343A	Barcode Labeling Of A/D Tubes	Switzerland	To File				
4479	P0064ACH	Analyzing Spectrometric Data	Germany	Granted	0834725		97117174.9	1997/11/02
4479	P0064ADE	Analyzing Spectrometric Data	Germany		0834725			
4479	P0064AFR	Analyzing Spectrometric Data	France		0834725			
4479	P0064AGB	Analyzing Spectrometric Data	Great Britain		0834725			
4479	P0064AIT	Analyzing Spectrometric Data	Italy		0834725			
4479	P0064ANL	Analyzing Spectrometric Data	Netherlands		0834725			
2730	P0278AJP	Multiport Valve In Gas Collection System And Method Of Use	Japan	Granted	1,838,829	1994/04/25	276111055	1985/12/12
4045	P0027ADE	Standardizing And Calibrating A Spectrometric Instrument	Germany	Granted	0560005		83100106.9	1982/01/07
4046	P0028ADE	Photodiode Array Amplifier Linearity	Germany	Granted	059109504	1997/04/09	93100102.8	1990/01/07
4076	P0038AAU	Absorbance Correction In Atomic Absorption Spectroscopy	Australia	Granted	654,058		28314182	
4137	P0038AAU	Grouping Of Spectral Bands For Data Acquisition	Australia	Granted	667,614		5757294	
4483	P006AEP	Tunable External Cavity Diode Laser	Europe	Published			97938051.6	1997/07/28
4642	P0345A	Use Of Hg Lines From Hg Lamp For Wavelength Standardization	United States	To File				
4641	P0345AJP	Low Cost Detector Cell	Japan	Granted	3,016,789	1999/12/24	78,752/89	1989/12/24
4641	P0346A	Use Of Ne Lines For ICP Instrument Standardization	United States	To File				
5003	P0347A	Methods And Apparatus To Improve The Sensitivity	United States	Pending			60/193,974	2000/03/31
5006	P0348A	Apparatus And Methods For Bioluminescent Analytical Methods	United States	Pending			60/193,519	2000/03/31
	P0349A	Polymeric Sampling Syringe						
	P0350A	Polymeric Reagent Pad						
	P0351A	Sampling Device For Use In Automated Methods						
3824	P0069A	Arc Spray Gun For Coating Confined Areas	United States	Granted	4,853,513	1989/08/01	07/187,106	1988/04/28
3824	P0069ACA	Arc Spray Gun For Coating Confined Areas	Canada	Granted	1,314,944	1993/03/23	587,288	1988/04/20
3824	P0069AJP	Arc Spray Gun For Coating Confined Areas	Japan	Granted	2-104470	1990/06/25	1-1044817	1988/04/26
3824	P0069AEP	Arc Spray Gun For Coating Confined Areas	Europe	Granted	0339650			
3824	P0069ACN	Arc Spray Gun For Coating Confined Areas	China	Granted	1039878			
3824	P0069ADE	Arc Spray Gun For Coating Confined Areas	Germany	Granted	68922645			
	P0032AJP							
5000	P0353A	Pedding Of The Torch Glassware	United States	Pending			60/175,988	2000/01/13
3264	P0002A	Digital Gain Controlled Current To Voltage Amplifier	United States	Granted	4,689,877	1997/06/02	06/704,386	1985/02/22
	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						
	P0328AIT	Detection Of Low Level Hydrophobic Analyses In Samples						
4580	P0032AVO	Detection Of Low Level Hydrophobic Analyses In Samples	PCT	Pending			PCT/US00/03756	2000/02/14
	P0071B	Autosampler Having Gripper With Shape Memory Metal Actuator	United States	Pending			09/518,466	2000/03/03
	P0045ADE	Autosampler	Germany	Pending			695,14,870,208	1993/06/22
	P0047BAU	Flow Regulation In Gas Chromatography	Australia	Pending			1757600	2000/02/18

4484	P0033AAT	Fluid Conveying Device With Removable Connection	Italy	Pending					
	P0033AAT	Fluid Conveying Device With Removable Connection	France	Pending					
	P0033ACH	Fluid Conveying Device With Removable Connection	Germany	Pending					
	P0033ACH	Fluid Conveying Device With Removable Connection	Switzerland	Pending					
	P0033AWO	Self Aligning Optical Fiber Terminator	PCT	Pending					
	P0357A	Non-Contacting Method of Cleaning Surfaces	United States	Granted	4,966,024	1990/06/11	PCT/US90/08697	2000/04/01	
	P0357ACA	Non-Contacting Method of Cleaning Surfaces	Canada	Granted	1,315,923	1993/04/13	687,985	1998/07/11	
	P0357AEP	Non-Contacting Method of Cleaning Surfaces	Europe	Granted	0324435	1999/07/19	88100346.9	1999/07/10	
	P0357AIP	Non-Contacting Method of Cleaning Surfaces	Japan	Granted	1,225,125	1999/09/08	892,982	1999/07/11	
	P0357ADE	Non-Contacting Method of Cleaning Surfaces	Germany	Granted	68809422	1993/11/04	809,422	1998/07/10	
	P0358A	Scanning Array Spectrophotometer	United States	Granted	4,798,464	1999/01/17	06/039,858	1998/07/12	
	P0359A	Method and Apparatus For Resonant Rotation	United States	Granted	5,131,611	1992/07/21	691,936	1991/04/26	
	P0042ADE	Nebulizer	Germany	Granted	689,320		P69514470.2		
	P0042AGB	Nebulizer	United Kingdom	Granted	689,320		693,320		
	P0042ANL	Nebulizer	Netherlands	Granted	693,320				
	P0333AAU	Method For Processing A Sample	Italy	Granted	0524285	1998/09/02	92112375.8	1992/07/20	
	P0031AIT	Single Element Thermal Conductivity Detector	Japan	Granted	2,678,879	1990/09/28	198,545	1998/05/18	
	P0271AIP	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,952,858	1993/11/23	09104664.4	1998/05/17	
	P0360A	Microphotograph Apparatus	Europe	Granted	0347639	1990/02/06	123,023	1989/05/18	
	P0360AEP	Microphotograph Apparatus	Japan	Granted	2,035,709	1992/06/23	599,723	1989/05/15	
	P0360AIP	Microphotograph Apparatus	Canada	Granted	1,304,173	1996/02/08	623,233	1990/05/17	
	P0360ACA	Microphotograph Apparatus	Germany	Granted	68975233				
	P0360ADE	Microphotograph Apparatus	United States	To File					
	P0361A	Design Of A Device For Sampling A Surface To Collect	United States	To File					
	P0362A	Polymic Carrier For Reagents	United States	To File					
	P0363A	Low Cost Internal Calibration Standard	United States	To File					
	P0364A	Dual Pincode Connection Of Background For Bioluminescence	Great Britain	Granted	2,180,064				
	P0199AGB	Atomic Absorption Spectrometer	Germany	Granted	P3870372.9		P3870372.9		
	P0200ADE	Gas Control Device For Controlling The Fuel Gas	Germany	Granted					
	P0365A	Conductive Coating To Eliminate Charge Effects And Reduce	United States	To File					
	P0365A	Sant-Check Swab and Swabbing Technique	United States	To File					
	P0367A	Dual Photodiode Connection Of Background For Bioluminescence	United States	To File					
	P0368A	Sant-Check Detection Of Inhibitory Components	United States	To File					
	P0039ADE	Grouping Of Spectral Bands For Data Acquisition	Germany	Pending			694,24,082.6-08	1996/09/10	
	P0201AGB	Device For Igniting A Flame In An Atomic Absorption Extromet	Great Britain	Granted	2,180,328	1987/03/25	8621642	1995/09/12	
	P0201ADE	Device For Igniting A Flame In An Atomic Absorption Extromet	Germany	Granted	P3532537.2	1987/03/19	P3532537.2	1995/09/12	
	P0200BDE	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	3928547.3				
	P0371A	Method For Measuring Absolute Value Of Thermal Conductivity	United States	Pending			602,210,256	2000/06/08	
	P0372A	Method Of Detecting Organisms In A Sample	United States	Granted	5,902,722	1999/05/11	08/985,574	1997/12/05	
	P0372AWO	Method Of Detecting Organisms In A Sample	United States	Pending					
	P0376A	RH Compensation By Nafion Coatings Of Electrochemical	United States	To File					
	P0377A	Planar Electrochemical Gas Sensor	United States	To File					
	P0378A	Electrochemical Gas Sensor With Minimized Power Channels	United States	To File					
	P0379A	Calibration-Free Electrochemical Sensor	United States	To File					
	P0380A	Electrochemical Sensor With Dry Nafion	United States	To File					
	P0381A	Integrated Electrochemical Gas Generator	United States	To File					
	P0382A	Prevention Of Flooding In Thick-Film Electrochemical Sensors	United States	To File					
	P0383A	RH Compensation For Electrochemical Sensors With Different	United States	To File					