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PATENT
03141-P0270A WWW

101493305

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignor:	Perkin-Elmer Corporation
Assignee:	Perkin Elmer LLC
Patent No. 4,779,216	Issue Date: October 18, 1988
Title of Application:	System for Calibrating a Monochromator

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

10/19/2000 6TONL1 00000165 4779216
 01 FD:581 40.00 GP

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.

September 29, 2000 
 Danielle Dominici

5. Patent Number: 4,779,216.
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.

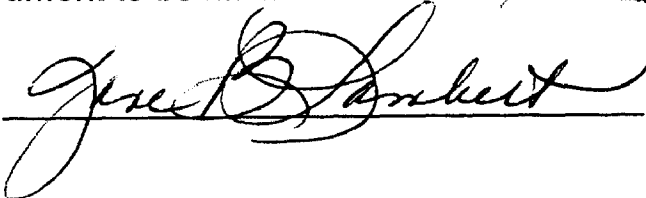
Executed this 18th day of July, 2000, at Connecticut, [State].

(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 

Perkin Elmer No.	Header Code	Header Name	EXHIBIT A Country	Status	Registration Number	Issue Date	Serial Number	File Date
0895	P0003ASE	Automatic Variable Filter For Use In Scanned Spectrometers	Sweden	Pending			11468-6	1873/04/23
2103	P0004AJP	Flame Ionization Detector Status Indicator	Japan	Pending			160948	1878/12/29
2357	P0005AJP	Detector Cell Assembly	Japan	Pending			603056/6	1888/04/23
3602 (MWK/UR6B)	P0016AJP	High Resolution Slotted Motor Drive	Japan	Pending	2,730,577	1967/12/19	279450/87	1887/11/05
3908	P0019ADE	Line Frequency Slotted Voltage-To-Frequency Converter System	Japan	Granted	3,060,314	2000/04/28	02-205946	1990/08/02
3973	P0020ADE	Circuit For Synchronizing Digital Signals	Germany	Granted			P392726/2	1889/08/23
3984	P0021AJP	Quadrupole Mass Filter For Charged Particles	Germany	Pending	3,032,900	2000/02/18	P4100046/3	1991/01/03
4014	P0022ADE	3 Point Bending Measuring System	Germany	Allowed			P4110763/2	1991/04/05
4015	P0024AJP	Pungier Homing Mechanism For Use In Chromatography	Japan	Granted	3,057,380	2000/09/21	3-7326/81	1991/04/05
4037	P0025AJP	Pungier Homing Mechanism For Use In Chromatography	Canada	Pending			2,035,916	1991/02/27
4045	P0027AJP	Vial Locator And Sensor	Japan	Granted	5-104,160	1993/09/30	3,330,278/1	1991/02/27
4045	P0027AJP	Vial Locator And Sensor	Europe	Granted	0498083		91213135/7	1991/12/10
4045	P0027AJP	Circuit For Heating And Sensing With A Single Element	Japan	Granted	4,310,830		2,087,360	1992/01/15
4045	P0027AJP	Circuit For Heating And Sensing With A Single Element	Canada	Pending	560,006		9725017/8/7	1992/05/09
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument	Europe	Granted	6,082,307		05-437343	1993/02/12
4046	P0028AJP	Standardizing And Calibrating A Spectrometric Instrument	Japan	Granted	1,937,953	2000/03/14	1937/93	1993/02/12
4046	P0028AJP	Standardizing And Calibrating A Spectrometric Instrument	Canada	Pending			2,087,821	1993/01/21
4046	P0028AJP	Standardizing And Calibrating A Spectrometric Instrument	Japan	Granted	6-88745	1894/03/29	05-023171	1993/01/19
4046	P0028AJP	Standardizing And Calibrating A Spectrometric Instrument	Korea	Granted	247,171	1999/12/10	728/93	1993/01/21
4047	P0030AJP	Photodetector Amplitude Linearity	Japan	Pending			115,169/93	1993/04/20
4070	P0031AJP	Inductively Coupled Plasma Generator	Japan	Pending	5-223,771	1993/06/03	241447/82	1992/08/19
4076	P0033ADE	Single Element Thermal Conductivity Detector	Germany	Pending			P4240301/4	1992/12/01
4091	P0035ADE	Abundance Connection In Atomic Absorption Spectrometry	Germany	Pending			P4237167/6	1992/11/04
4126	P0037AJP	Method And Apparatus For Heating A Thermocouple Detector	Japan	Granted	5-256822	1993/10/06	04-327513	1992/11/13
4133	P0038ADE	Method And Apparatus For Heating A Thermocouple Detector	Europe	Pending			B18002988/3	
4133	P0038ADE	Method And Apparatus For Heating A Thermocouple Detector	Germany	Pending			18507431/1	1995/10/126
4137	P0039AJP	Optical Switching Apparatus With Retromerector	Japan	Granted	7,287,178		3869/185	1995/02/27
4137	P0039AJP	Optical Switching Apparatus With Retromerector	Canada	Abvord	0615115		2,115,855	1994/02/17
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition	Europe	Granted	0615115	2000/04/26	94100598/2	1994/03/08
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition	Japan	Granted	6,500,828		387420/4	1994/03/08
4317	P0041AJP	Grouping Of Spectral Bands For Data Acquisition	Canada	Abvord			2,126,496	1994/06/12
4317	P0041AJP	Hybrid Valving System For Varying Fluid Flow Rate	Europe	Granted	0638958	2000/04/27	94100891/5	1994/06/12
4317	P0041AJP	Hybrid Valving System For Varying Fluid Flow Rate	Japan	Granted	7,078,032		177025/94	1994/07/28
4369	P0042AJP	Hybrid Valving System For Varying Fluid Flow Rate	Europe	Granted	0693320		1995/06/12	
4369	P0042AJP	Hybrid Valving System For Varying Fluid Flow Rate	Japan	Published			180204/95	1995/07/17
4362	P0044AJP	Nebulizer	Australia	Granted	713,793	1996/05/24	524851/86	1996/07/14
4362	P0044AJP	Nebulizer	Europe	Granted	0744598		96107288/1	1996/05/18
4362	P0044AJP	Optical Spectrometer For Detecting Spectra In Separate Range	Japan	Pending			132143/96	1996/05/12
4362	P0044AJP	Optical Spectrometer For Detecting Spectra In Separate Range	Europe	Pending			95921344/8	1995/05/12
4365	P0045AJP	Apparatus And Method For Differential Analysis Using Signals	Europe	Pending	0763196		8500987	1996/11/29
4365	P0045AJP	Apparatus And Method For Differential Analysis Using Signals	Japan	Pending	0803061			1996/11/29
4385	P0045BJP	Apparatus And Method For Differential Analysis Using Signals	Japan	Pending			8500986	1996/11/29
4392	P0046AJP	Apparatus And Method For Differential Analysis Using Signals	Australia	Granted	710,068	2000/01/20	34315/95	1995/10/17
4392	P0046AJP	Spectrometer With Selectable Radiation From Light Source	Europe	Pending	0708324		85115662/9	1995/10/14
4411	P0047AJP	Spectrometer With Selectable Radiation From Light Source	Japan	Pending			271017/95	1995/10/19
4411	P0047AJP	Spectrometer With Selectable Radiation From Light Source	Australia	Abvord			45801/96	1996/02/28
4411	P0047AJP	Flow Regulation In Gas Chromatograph	Canada	Pending			2,170,080	1996/02/22
4411	P0047AJP	Flow Regulation In Gas Chromatograph	Europe	Pending	0720151		96103188/7	1996/03/01

4411	P0047AJP	Flow Regulation In Gas Chromatograph	Japan	Pending	0851572	1987/12/12	45751196	1986/03/01
4412	P0046AEP	Solid State Industry-Coupled Plasma Generator	Europe	Pending	0851572	1987/12/12	97211994.5	1987/12/12
4413	P0046AJP	Solid State Industry-Coupled Plasma Generator	Japan	Published	10000461	1986/10/23	10000461	1986/10/23
4414	P0049AEP	Gas Chromatographic System With Controlled Sample Transfer	Europe	Pending	0770488	1986/10/23	96117016.4	1986/10/23
4415	P0049AJP	Gas Chromatographic System With Controlled Sample Transfer	Japan	Pending	0770488	1986/10/23	281130128	1986/10/23
4416	P0050AEP	Cabineter Having Rapid Cooling Of A Heating Vessel Therein	Europe	Granted	0776483	1987/06/11	96119307.7	1986/12/03
4417	P0050AJP	Cabineter Having Rapid Cooling Of A Heating Vessel Therein	Japan	Granted	9.176.577	1987/07/11	328552186	1986/12/09
4418	P0051AEP	Thermal Insulating Container For Liquefied Gas	Europe	Published	0776439	1986/04/22	96113491.3	1986/04/22
4419	P0051AJP	Thermal Insulating Container For Liquefied Gas	Japan	Pending	0776439	1986/04/22	268994128	1986/04/22
4420	P0052AEP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Europe	Pending	0776439	1986/04/22	96119345.1	1986/12/03
4421	P0052AJP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Japan	Pending	0776439	1986/04/22	328554496	1986/12/09
4422	P0053AEP	Fluid Conveying Device With Removable Connection	Europe	Published	0762033	2000/06/14	96119490.5	1986/04/22
4423	P0053AJP	Fluid Conveying Device With Removable Connection	Japan	Pending	0762033	2000/06/14	268996196	1986/04/22
4424	P0054AEP	Dry Gas Curtain For Cryogenic Surfaces	Europe	Pending	0762034	1986/07/04	96110336.2	1986/07/04
4425	P0054AJP	Dry Gas Curtain For Cryogenic Surfaces	Japan	Pending	0762034	1986/07/04	234440186	1986/07/04
4426	P0055AEP	Standardizing A Spectrometric Instrument	Europe	Pending	6.049.762	2000/04/11	353550097	1987/12/22
4427	P0055AJP	Standardizing A Spectrometric Instrument	Japan	Pending	6.049.762	2000/04/11	08993.482	1987/12/18
4428	P0056AEP	Apparatus For Controlling Level Of Cryogenic Liquid	Europe	Pending	0651219	1986/12/03	96119346.9	1986/12/03
4429	P0056AJP	Apparatus For Controlling Level Of Cryogenic Liquid	Japan	Pending	0651219	1986/12/03	328916396	1986/12/03
4430	P0057AEP	Standardizing Between Analytical Instruments	Europe	Pending	0676712	1987/12/22	97122551.1	1987/12/19
4431	P0057AJP	Standardizing Between Analytical Instruments	Japan	Pending	0676712	1987/12/22	353748937	1987/12/18
4432	P0058AEP	Standardizing Of Chromatographic Systems	Europe	Pending	5.958.246	1999/09/28	08/07.9.080	1996/05/18
4433	P0058AJP	Standardizing Of Chromatographic Systems	Japan	Granted	5.958.246	1999/09/28	136731784	1996/05/18
4434	P0059AEP	Mounting Apparatus For Induction-Coupled Plasma Torch	Europe	Pending	0610231	1986/10/15	08/19130.7	1986/10/08
4435	P0059AJP	Mounting Apparatus For Induction-Coupled Plasma Torch	Japan	Granted	0610231	1986/10/15	283530988	1986/10/15
4436	P0062AEP	Ion Detector, Detector Array And Instrument Using Same	Europe	Pending	0698784	1986/10/15	97920259.3	1896/10/20
4437	P0062AJP	Ion Detector, Detector Array And Instrument Using Same	Japan	Pending	0698784	1986/10/15	9.437249	1986/10/12
4438	P0063AEP	Analyzing Spectrometric Data	Europe	Pending	0034725	1897/10/02	87117174.9	1987/10/02
4439	P0063AJP	Analyzing Spectrometric Data	Japan	Pending	0034725	1897/10/02	27105097	1987/10/02
4440	P0064AEP	Analyzing Spectrometric Data	Europe	Granted	6.028.115	2000/01/22	08/840.575	1997/09/30
4441	P0064AJP	Analyzing Spectrometric Data	Japan	Granted	6.028.115	2000/01/22	08/840.575	1997/09/30
4442	P0065AEP	Self-Adjusting Optical Fiber Terminator	Europe	Pending	2.261.036	1897/07/28	09/265.282	1896/04/02
4443	P0065AJP	Self-Adjusting Optical Fiber Terminator	Japan	Pending	2.261.036	1897/07/28	40466097	1897/07/28
4444	P0066AEP	Tunable External Cavity Diode Laser	Europe	Pending	0928717	1989/01/26	10598031	1989/01/26
4445	P0066AJP	Tunable External Cavity Diode Laser	Japan	Pending	0928717	1989/01/26	97115853.4	1987/09/16
4446	P0067AEP	Backwashing System For Gas Chromatography	Europe	Pending	0872732	1987/09/16	260877197	1897/09/16
4447	P0067AJP	Backwashing System For Gas Chromatography	Japan	Pending	0872732	1987/09/16	105122196	1896/04/15
4448	P0070AEP	Method And Apparatus To Compensate For Gas Chromatography	Europe	Pending	5.240.764	1986/02/12	60722.992	1896/03/05
4449	P0070AJP	Method And Apparatus To Compensate For Gas Chromatography	Japan	Pending	5.240.764	1986/02/12	09/250.063	1896/02/12
4450	P0071AEP	Absorbance Correction In Atomic Absorption Spectroscopy	Europe	Granted	1.361.134	1987/01/20	04-345133	1897/01/20
4451	P0071AJP	Absorbance Correction In Atomic Absorption Spectroscopy	Japan	Granted	1.361.134	1987/01/20	827110775.1	1887/07/24
4452	P0079AJP	Computer Control Cable Multi-Port Valve	Japan	Granted	0254326	1986/04/23	09/085.782	1886/04/23
4453	P0085AEP	Regulated Deuterium Arc System Slightly	Europe	Pending	5.548.387	1996/08/27	1996/08/27	1994/06/01
4454	P0085AJP	Regulated Deuterium Arc System Slightly	Japan	Granted	5.548.387	1996/08/27	90120859.5	1994/06/01
4455	P0084AEP	Apparatus And Method For Differential Analysis Using Signals	Europe	Granted	0428010	1996/01/02	08/201.848	1894/02/25
4456	P0084AJP	Apparatus And Method For Differential Analysis Using Signals	Japan	Granted	5.481.631	1996/01/02	08/028.515	1893/03/09
4457	P0089AEP	Optical Switching Apparatus With Retroreflector	Europe	Granted	5.412.458	1996/05/02	22320040	1986/02/26
4458	P0089AJP	Optical Switching Apparatus With Retroreflector	Japan	Pending	5.412.458	1996/05/02	22320040	1986/02/26
4459	P0091A	Automatic Temperature Calibration Of Thermal Analyzers	Japan	Pending				
4460	P0091A	Automatic Temperature Calibration Of Thermal Analyzers	United States	Pending				
4461	P0091A	Automatic Temperature Calibration Of Thermal Analyzers	United States	Pending				
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4545	P0091A	Automatic Temperature Calibration Of Thermal Analyzers	United States	Pending				
4546	P0091A							

4472	P0063A	Ion Detector, Detector Array And Instrument Using Same	United States	Pending	0085171	1988/04/13	0211717.3	09/180,167	1988/11/03
4493	P0063B	Tunable External Cavity Diode Laser	United States	Granted	0085171	1988/04/13	0211717.3	09/230,499	1989/01/28
2714	P0093AEP	Solvent Delivery System	Europe	Granted	0085171	1988/04/13	0211717.3	1989/01/28	1989/01/28
2714	P0093AFR	Solvent Delivery System	France	Granted	0085171	1988/04/13	0211717.3	1989/01/28	1989/01/28
2714	P0093ADE	Solvent Delivery System	Germany	Granted	P.327637.2	1988/04/13	0211717.3	1989/01/28	1989/01/28
2714	P0093ANL	Solvent Delivery System	Netherlands	Granted	0085171	1988/04/13	0211717.3	1989/01/28	1989/01/28
2714	P0093AT	Solvent Delivery System	Italy	Granted	0085171	1988/04/13	0211717.3	1989/01/28	1989/01/28
2714	P0093AJP	Solvent Delivery System	Japan	Granted	1,764,707	1988/04/13	0211717.3	1989/01/28	1989/01/28
2714	P0093ASE	Solvent Delivery System	Sweden	Granted	0085171	1988/04/13	0211717.3	1989/01/28	1989/01/28
2714	P0093ACH	Solvent Delivery System	Switzerland	Granted	0085171	1988/04/13	0211717.3	1989/01/28	1989/01/28
2714	P0093AGB	Solvent Delivery System	Great Britain	Granted	0085171	1988/04/13	0211717.3	1989/01/28	1989/01/28
2714	P0093A	Solvent Delivery System	United States	Granted	4,556,367	1988/04/13	0211717.3	1989/01/28	1989/01/28
2714	P0096AFR	Spectrophotometer Gas Control System	France	Granted	0089204	1988/04/13	06/632,758	1989/01/28	1989/01/28
2766	P0097ACB	Fluid Flow Control Device	Great Britain	Granted	2,085,614	1988/04/13	0211717.3	1989/01/28	1989/01/28
2851	P009BADE	Optical Beam Splitter	Germany	Granted	P.3265483.6	1988/04/13	0211717.3	1989/01/28	1989/01/28
2851	P009BAJP	Optical Beam Splitter	Japan	Granted	1,792,045	1988/04/13	0211717.3	1989/01/28	1989/01/28
2851	P009BACH	Optical Beam Splitter	Switzerland	Granted	0059836	1988/04/13	0211717.3	1989/01/28	1989/01/28
2851	P009BAGB	Optical Beam Splitter	Great Britain	Granted	0059836	1988/04/13	0211717.3	1989/01/28	1989/01/28
2851	P009BA	Optical Beam Splitter	United States	Granted	4,487,477	1988/04/13	06/470,427	1989/01/28	1989/01/28
2873	P0099ADE	Apparatus Useful With A Chromatography Column	Germany	Granted	P.3273842.0	1988/04/13	0211717.3	1989/01/28	1989/01/28
2873	P0099ACH	Apparatus Useful With A Chromatography Column	Switzerland	Granted	0016669	1988/04/13	0211717.3	1989/01/28	1989/01/28
2873	P0099AGB	Apparatus Useful With A Chromatography Column	Great Britain	Granted	0016669	1988/04/13	0211717.3	1989/01/28	1989/01/28
2772	P0100ADP	Apparatus And Method Useful For Analyzing Refractory Substances	Germany	Granted	3203580	1988/04/13	0211717.3	1989/01/28	1989/01/28
2772	P0100A	Apparatus Useful For Analyzing Refractory Substances	Japan	Granted	1,676,551	1988/04/13	0211717.3	1989/01/28	1989/01/28
2780	P0101A	Apparatus Useful For Positioning A Light Filter	United States	Granted	4,419,575	1988/04/13	06/295,781	1989/01/28	1989/01/28
2876	P0102AEP	Control Circuit For Liquid Chromatograph	Europe	Granted	0085172	1988/04/13	0211720.7	1989/01/28	1989/01/28
2876	P0102AFR	Control Circuit For Liquid Chromatograph	France	Granted	0085172	1988/04/13	0211720.7	1989/01/28	1989/01/28
2876	P0102ADE	Control Circuit For Liquid Chromatograph	Germany	Granted	P.3277644.8	1988/04/13	0211720.7	1989/01/28	1989/01/28
2876	P0102AJP	Control Circuit For Liquid Chromatograph	Italy	Granted	0085172	1988/04/13	0211720.7	1989/01/28	1989/01/28
2876	P0102ASE	Control Circuit For Liquid Chromatograph	Sweden	Granted	1,755,762	1988/04/13	0211720.7	1989/01/28	1989/01/28
2876	P0102ACH	Control Circuit For Liquid Chromatograph	Switzerland	Granted	0085172	1988/04/13	0211720.7	1989/01/28	1989/01/28
2876	P0102ACB	Control Circuit For Liquid Chromatograph	Great Britain	Granted	0085172	1988/04/13	0211720.7	1989/01/28	1989/01/28
2876	P0102A	Control Circuit For Liquid Chromatograph	United States	Granted	4,450,574	1988/04/13	08/343,805	1989/01/28	1989/01/28
2888	P0103AFR	Spectrophotometer	France	Granted	0087588	1988/04/13	03100489.9	1989/01/28	1989/01/28
2889	P0103ADE	Spectrophotometer	Germany	Granted	P.3358984.9	1988/04/13	03100489.9	1989/01/28	1989/01/28
2889	P0103ACH	Spectrophotometer	Switzerland	Granted	0087588	1988/04/13	03100489.9	1989/01/28	1989/01/28
2889	P0103AGB	Spectrophotometer	Great Britain	Granted	0087588	1988/04/13	03100489.9	1989/01/28	1989/01/28
2889	P0103A	Spectrophotometer	United States	Granted	4,464,051	1988/04/13	06/354,254	1989/01/28	1989/01/28
2890	P0104AFR	Liquid Level Sensor	France	Granted	1,028,120	1988/04/13	041065228.4	1989/01/28	1989/01/28
2890	P0104ADE	Liquid Level Sensor	Germany	Granted	P.3473509.7	1988/04/13	041065228.4	1989/01/28	1989/01/28
2890	P0104ACH	Liquid Level Sensor	Switzerland	Granted	0129120	1988/04/13	041065228.4	1989/01/28	1989/01/28
2890	P0104ACB	Liquid Level Sensor	Great Britain	Granted	0129120	1988/04/13	041065228.4	1989/01/28	1989/01/28
2891	P0104A	Liquid Level Sensor	United States	Granted	4,532,799	1988/04/13	06/3506,232	1989/01/28	1989/01/28
2980	P0105A	Control Circuit For Stepper Motor	United States	Granted	4,417,188	1988/04/13	06/334,247	1989/01/28	1989/01/28
3007	P0106ADE	L.C. Sample Cell	Germany	Granted	3572537.0	1988/04/13	3572537	1989/01/28	1989/01/28
3007	P0106AJP	L.C. Sample Cell	Japan	Granted	1,928,835	1988/04/13	18814765	1989/01/28	1989/01/28
3007	P0106ASE	L.C. Sample Cell	Sweden	Granted	0154792	1988/04/13	05100947.2	1989/01/28	1989/01/28
3007	P0106ACH	Sample Cell Temperature Stabilizer	Switzerland	Granted	0154792	1988/04/13	05100947.2	1989/01/28	1989/01/28
3007	P0106AGB	Sample Cell Temperature Stabilizer	Great Britain	Granted	0154792	1988/04/13	05100947.2	1989/01/28	1989/01/28
3007	P0106A	Sample Cell Temperature Stabilizer	United States	Granted	4,598,765	1988/04/13	06/516,545	1989/01/28	1989/01/28
3048	P0109AAU	Furnace Positioning Mechanism	Australia	Granted	561,564	1987/05/14	18484783	1988/08/24	1988/08/24
3048	P0109AADE	Furnace Positioning Mechanism	Germany	Granted	P.3378594.5	1988/04/13	03107709.4	1989/01/28	1989/01/28
3048	P0109AAT	Thin Driven Soda Glass Coated To Protect From Contact	Italy	Granted	0101982	1988/04/13	03107709.4	1989/01/28	1989/01/28
3048	P0109AGB	The Use Of Thin Driven Soda Glass Appropriately Coated To	Great Britain	Granted	0101982	1988/04/13	03107709.4	1989/01/28	1989/01/28
3061	P0109AEP	Slip Catch Assembly	Europe	Granted	01303226	1988/04/13	08100208.6	1989/01/28	1989/01/28

3061	P0110ABE	Sep Clutch Assembly	Belgium	Granted	0 133 226	1988/03/20	P4108028.6	1984/7/9
3061	P0110AFR	Sep Clutch Assembly	France	Granted	0133226	1988/03/20	P4108028.6	1984/7/9
3061	P0110ADE	Coupler Mechanism	Germany	Granted	3470189.0	1988/03/20	P4108028.6	1984/7/9
3061	P0110ANL	Sep Clutch Assembly	Netherlands	Granted	0133226	1988/03/20	P4108028.6	1984/7/9
3061	P0110ANT	Sep Clutch Assembly	Italy	Granted	0133226	1988/03/20	P4108028.6	1984/7/9
3061	P0110ACH	Sep Clutch Assembly	Switzerland	Granted	0133226	1988/03/20	P4108028.6	1984/7/9
3061	P0110AQA	Sep Clutch Assembly	United States	Granted	4 540 050	1985/12/24	06/917.080	1983/07/25
3076	P0111AEP	Spectrophotometer	Europe	Granted	0135761	1991/06/05	P41085506.0	1984/08/09
3076	P0111ABE	Spectrophotometer	Belgium	Granted	0 135 761	1991/06/05	P41085506.0	1984/08/09
3076	P0111AFR	Spectrophotometer	France	Granted	0135761	1991/06/05	P41085506.0	1984/08/09
3076	P0111ADE	Optical Design Of Fouler Transform Spectrophotometer	Germany	Granted	P3484868.9	1991/06/05	P41085506.0	1984/08/09
3076	P0111ANL	Spectrophotometer	Netherlands	Granted	0135761	1991/06/05	P41085506.0	1984/08/09
3076	P0111ANT	Spectrophotometer	Italy	Granted	0135761	1991/06/05	P41085506.0	1984/08/09
3076	P0111AJP	Optical Design Of Fourier Transform Spectrophotometer	Japan	Granted	1 800 723	1993/11/12	P41095508.0	1984/08/09
3076	P0111AHP	Spectrophotometer	Switzerland	Granted	0135761	1991/06/05	P41095508.0	1984/08/09
3076	P0111ACH	Spectrophotometer	Great Britain	Granted	0135761	1991/06/05	P41095508.0	1984/08/09
3076	P0111ACB	Spectrophotometer	United States	Granted	4 740 082	1988/04/26	06/58.655	1986/04/24
3076	P0111A	Spectral Pressurizing System	United States	Granted	4 448 684	1984/05/15	06/461.789	1983/01/28
3101	P0111ZA	Liquid Chromatography Controller	United States	Granted	4 618 935	1986/10/21	06/588.785	1984/01/06
3109	P0111ZA	Pulse Damper	United States	Granted	4 548 713	1985/10/22	06/585.064	1984/03/02
3111	P0114ADE	RTV Pulse Damper	Germany	Granted	3585428.5	1988/10/05	3585429	1984/10/05
3111	P0114AJP	Pulse Damper	Japan	Granted	0156132	1988/10/05	85101252.6	1985/02/06
3111	P0114ACH	Pulse Damper	Switzerland	Granted	0156132	1988/10/05	85101252.6	1985/02/06
3111	P0114ACB	Pulse Damper	Great Britain	Granted	0156132	1988/10/05	85101252.6	1985/02/06
3136	P0116AAU	Holder Assembly For Reaction Tubes	Australia	Allowed	706 769	1989/06/24	32691895	1985/09/27
3136	P0115AEP	Instantaneous Reading Multichannel Polychromatic Spectrophot	Europe	Granted	705 036	1989/03/13	62194796	1984/02/11
3135	P0115AEP	Instantaneous Reading Multichannel Polychromatic Spectrophot	France	Granted	0192200	1988/03/06	85101901.6	1986/02/14
3135	P0115ADE	A Novel Array Spectrometer	Germany	Granted	3650491.2	1986/03/06	3850491	1986/03/06
3135	P0115ANL	Instantaneous Reading Multichannel Polychromatic Spectrophot	Netherlands	Granted	0192200	1986/03/06	85101901.6	1986/02/14
3135	P0115AJP	A Novel Array Spectrometer	Japan	Granted	2 602 809	1987/01/29	85101901.6	1986/02/14
3135	P0115ACH	Instantaneous Reading Multichannel Polychromatic Spectrophot	Switzerland	Granted	0192200	1986/03/06	85101901.6	1986/02/14
3135	P0115ACB	Instantaneous Reading Multichannel Polychromatic Spectrophot	Great Britain	Granted	0192200	1986/03/06	85101901.6	1986/02/14
3135	P0115A	Instantaneous Reading Multichannel Spectrophotometer	United States	Granted	4 676 817	1987/07/07	06/703.260	1985/02/19
3138	P0116ADE	Holder Assembly For Reaction Tubes	Germany	Granted	3407065	1984/12/22	3407065	1984/02/27
3138	P0116AJP	Holder Assembly For Reaction Tubes	Japan	Granted	1 919 140	1985/04/07	3546804	1984/02/28
3138	P0116ACH	Holder Assembly For Reaction Tubes	United States	Granted	5 032 283	1991/07/16	06/882.017	1986/07/03
3139	P0117A	Holder Assembly For Reaction Tubes	United States	Granted	4 640 827	1987/02/03	06/656.758	1983/08/26
3142	P0118AEP	Apparatus For Monitoring A Plasma Torch	Europe	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118AFR	An Apparatus And Method For Optimizing Separation Of An Unkn	France	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118ADE	An Apparatus And Method For Optimizing Separation Of An Unkn	Germany	Granted	P3568705.1	1992/09/30	85110513.0	1985/08/21
3142	P0118ANL	An Apparatus And Method For Optimizing Separation Of An Unkn	Netherlands	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118AJP	An Apparatus And Method For Optimizing Separation Of An Unkn	Japan	Granted	2 075 811	1986/07/25	85110513.0	1985/08/21
3142	P0118ACH	An Apparatus And Method For Optimizing Separation Of An Unkn	Switzerland	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118ACB	An Apparatus And Method For Optimizing Separation Of An Unkn	Great Britain	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118A	Apparatus And Method For Optimizing Separation Of A Sample	United States	Granted	4 579 683	1988/04/01	06/693.256	1984/08/24
3143	P0119A	Production Of Flexible Glass Capillary Tubing Without Exten	United States	Granted				
3162	P0120A	Light Detector Apparatus	United States	Granted	5 073 345	1991/12/17	06/763.370	1985/07/09
3173	P0123AEP	Sample Cell Temperature Stabilizer	United States	Granted	4 589 477	1988/05/20	06/576.660	1984/02/03
3173	P0123AFR	Compensator Plate Adjustment For Beam Splitter	Europe	Granted	0137206	1991/01/23	84109507.8	1984/08/09
3173	P0123ABE	Compensator Plate Adjustment For Beam Splitter	Belgium	Granted	0137206	1991/01/23	84109507.8	1984/08/09
3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	France	Granted	0137206	1991/01/23	84109507.8	1984/08/09
3173	P0123ADE	Compensator Plate Adjustment For Beam Splitter	Germany	Granted	P2463982.5	1991/01/23	84109507.8	1984/08/09
3173	P0123ANL	Compensator Plate Adjustment For Beam Splitter	Netherlands	Granted	0137206	1991/01/23	84109507.8	1984/08/09
3173	P0123ANT	Compensator Plate Adjustment For Beam Splitter	Italy	Granted	0137206	1991/01/23	84109507.8	1984/08/09

3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Japan	Granted	2,131,945	1986/04/12	06109507.8	1984/08/09
3173	P0123ACH	Compensator Plate Adjustment For Beam Splitter	Switzerland	Granted	0,137,206	1987/01/23	04109507.8	1984/08/09
3173	P0123AAGB	Compensator Plate Adjustment For Beam Splitter	Great Britain	Granted	0,737,206	1987/10/23	081527.815	1983/06/20
3175	P0123AABE	Assembly For Adjusting An Optical Element	United States	Granted	4,735,505	1988/04/05		
3175	P0123AADF	Purge Shutter Mechanism	Belgium	Granted	0,144,539	1988/04/05		
3175	P0123AADF	Purge Shutter Mechanism	Germany	Granted	3,479,331.3	1988/04/05		
3175	P0123AANL	Purge Shutter Mechanism	Netherlands	Granted	0,144,539	1989/03/09		
3175	P0123AANL	Purge Shutter Mechanism	Italy	Granted	0,144,539	1989/03/09		
3175	P0123AANL	Purge Shutter Mechanism	Japan	Granted	1,772,551	1989/07/14		
3175	P0123AACH	Purge Shutter Mechanism	Switzerland	Granted	0,444,539	1989/08/09		
3176	P0123AACH	Purge Shutter Mechanism	United States	Granted	4,603,435	1989/08/09	081549.952	1983/11/08
3178	P0123AEP	Digital Control For Rapid Rent Of A Liquid Chromatograph	Europe	Granted	0,194,450	1989/10/123	85101623	1988/02/07
3178	P0123AEP	Digital Control For Rapid Rent Of A Liquid Chromatograph	France	Granted	0,194,450	1991/01/23		
3178	P0123AEP	Digital Control For Rapid Rent Of A Liquid Chromatograph	Germany	Granted	0,194,450	1991/01/23		
3178	P0123ADE	Digital Control For Rapid Rent Of A Liquid Chromatograph P	Germany	Granted	3,677,029.8	1991/01/23	3677.029	1991/01/23
3178	P0123ANL	Digital Control For Rapid Rent Of A Liquid Chromatograph	Netherlands	Granted	0,194,450	1991/01/23		
3178	P0123AJP	Digital Control For Rapid Rent Of A Liquid Chromatograph	Italy	Granted	0,194,450	1991/01/23		
3178	P0123AJP	Digital Control For Rapid Rent Of A Liquid Chromatograph	Japan	Granted	1,979,685	1985/10/17		
3178	P0123AACH	Digital Control For Rapid Rent Of A Liquid Chromatograph	Sweden	Granted	0,194,450	1991/01/23		
3178	P0123AACH	Digital Control For Rapid Rent Of A Liquid Chromatograph P	Switzerland	Granted	0,194,450	1991/01/23		
3178	P0123AACH	Digital Control For Rapid Rent Of A Liquid Chromatograph P	Great Britain	Granted	0,194,450	1991/01/23		
3178	P0123A	Digital Control For Rapid Rent Of A Liquid Chromatograph P	United States	Granted	0,158,173	1989/11/02	85103202	1983/03/19
3196	P0126AEP	Interferometer Mirror Adjustment	France	Granted	0,168,173	1989/11/02		
3196	P0126AEP	Interferometer Mirror Adjustment	Germany	Granted	P,357,4039.0	1989/11/02	357.0950	1984/11/02
3196	P0126AEP	Interferometer Mirror Adjustment	Japan	Granted	1,976,654	1985/08/30		
3196	P0126AEP	Interferometer Mirror Adjustment	Great Britain	Granted	0,158,173	1989/11/02		
3196	P0126AEP	Interferometer Mirror Adjustment	United States	Granted	4,621,089	1986/11/11	061590.768	1984/07/08
3213	P0128AEP	Micro Argon Detector	Europe	Granted	0,184,832	1986/10/19	85305196.9	1983/07/22
3213	P0128AEP	Micro Argon Detector	France	Granted	0,184,832	1992/08/19	85305196.9	1983/07/22
3213	P0128AEP	Micro Argon Detector	Germany	Granted	P,356,528.6	1986/10/19	85305196.9	1983/07/22
3213	P0128AEP	Micro Argon Detector	Netherlands	Granted	0,184,832	1992/08/19	85305196.9	1983/07/22
3213	P0128AEP	Micro Argon Detector	Japan	Granted	1,998,498	1995/07/23	27839827.5	1983/12/13
3213	P0128AEP	Micro Argon Detector	Switzerland	Granted	0,184,832	1992/08/19	85305196.9	1983/07/22
3213	P0128AEP	Micro Argon Detector	Great Britain	Granted	0,184,832	1988/04/26	06787.563	1983/07/15
3213	P0128AEP	Micro Argon Detector	United States	Granted	4,740,695	1988/04/26	06787.563	1983/07/15
3213	P0128AEP	Micro Argon Detector	United States	Granted	4,509,810	1988/08/02	06787.563	1983/07/15
3234	P0130AEP	Apparatus For Controlling A Plasma	Europe	Granted	0,181,493	1992/05/20	84104441	1985/04/12
3234	P0130AEP	Liquid Chromatographic Cartridge Column System	France	Granted	0,181,493	1992/05/20	84104441.2	1985/04/12
3234	P0130AEP	Liquid Chromatographic Cartridge Column System	Germany	Granted	P,356,068.5	1992/05/20	85104441.2	1985/04/12
3234	P0130AEP	Liquid Chromatographic Cartridge Column System	Japan	Granted	0,181,493	1992/05/20	85104441.2	1985/04/12
3234	P0130AEP	Liquid Chromatographic Cartridge Column System	Netherlands	Granted	0,181,493	1992/05/20	85104441.2	1985/04/12
3234	P0130AEP	Liquid Chromatographic Cartridge Column System	Switzerland	Granted	2,574,045	1992/05/20	15895294	1985/05/07
3234	P0130AEP	Liquid Chromatographic Cartridge Column System	Great Britain	Granted	0,181,493	1992/05/20	85104441.2	1985/04/12
3234	P0130AEP	Liquid Chromatographic Cartridge Column System	United States	Granted	4,587,014	1996/05/06	066807.878	1984/03/07
3255	P0130AEP	Liquid Chromatographic Cartridge Column System	Europe	Granted	0,282,043	1983/10/20		
3255	P0130AEP	Liquid Chromatographic Cartridge Column System	France	Granted	0,155,496	1991/10/102	85101457	1985/02/11
3255	P0130AEP	Liquid Chromatographic Cartridge Column System	United States	Granted	4,785,257	1989/01/03	07/024.237	1987/03/10
3255	P0130AEP	Liquid Chromatographic Cartridge Column System	France	Granted	0,155,496	1991/10/102		
3255	P0130AEP	Liquid Chromatographic Cartridge Column System	Germany	Granted	P,356,0991.4	1991/10/102	3560.891	1991/07/20
3255	P0130AEP	Liquid Chromatographic Cartridge Column System	Italy	Granted	0,155,496	1991/10/102		
3255	P0130AEP	Liquid Chromatographic Cartridge Column System	Japan	Granted	2,111,789	1996/03/22	61890993	1983/02/28
3255	P0130AEP	Liquid Chromatographic Cartridge Column System	United States	Granted	5,108,187	1992/04/28	071722.393	1991/06/19
3256	P0131AEP	Dual Servo Impedance Matching System For Top Spectroscopy	Great Britain	Granted	0,135,496	1991/10/102		
3256	P0131AEP	Dual Servo Impedance Matching System For Top Spectroscopy	United States	Granted	4,629,940	1986/12/16	061585.807	1984/02/02
4314	P0245AEP	Plasma Emission Source	Europe	Granted	06587.51	1988/08/05		
4314	P0245AEP	Correction Of Spectra For Stray Radiation	France	Granted	06587.51	1988/08/05		

4314	P0245AD	Correction Of Spectra For Stray Radiation	Germany	Granted	6941222.1	1989/04/05			
3289	P0132AEP	Multiple Streams Sampling System	Europe	Granted	0154188	1991/09/25	3136189/4		1984/12/16
4314	P0245AJP	Correction Of Spectra For Stray Radiation	Japan	Pending					
3289	P0132AD	Multiple Streams Sampling System	Germany	Granted	3584175.3	1981/09/25			
3289	P0245ASE	Multiple Streams Sampling System	Sweden	Granted	0154188	1991/09/25			
4314	P0245AGB	Correction Of Spectra For Stray Radiation	Great Britain	Granted	9658751	1989/03/05			1984/12/15
3289	P0132ACH	Multiple Streams Sampling System	Switzerland	Granted	0154188	1991/09/25			
4314	P0245A	Correction Of Spectra For Stray Radiation	United States	Granted	5,424,558	1995/06/27	06/186,800		1983/12/17
3289	P0132A	Apparatus For Periodically Monitoring Composition Of Samples	United States	Granted	4,676,639	1987/07/07	06/585,707		1984/03/02
3282	P0132A	Synchronous Wavelength Drive And Data Acquisition Conversion	United States	Granted	4,668,267	1986/02/04	06/704,344		1985/02/22
3286	P0132A	Safety Apparatus For An Atomic Absorption Spectro Burner	United States	Granted	4,597,034	1986/06/24	06/670,711		1984/11/13
3307	P0132A	Self-Sprung Lampholder	Europe	Granted	0184283	1989/12/04	85305195.1		1985/07/22
3307	P0132AEP	Programmed Temperature Control Of A Thermal System	France	Granted	0184283	1991/12/04	85305195.1		1985/07/22
3307	P0132AFR	Programmed Temperature Control Of A Thermal System	Germany	Granted	P2584824.3	1991/12/04	85305195.1		1985/07/22
3307	P0132ADE	Programmed Temperature Control Of A Thermal System	Netherlands	Granted	0184283	1991/12/04	85305195.1		1985/07/22
3307	P0132ANL	Programmed Temperature Control Of A Thermal System	Japan	Granted	2,033,583	1986/03/19	2723818/5		1985/12/03
3307	P0132AJP	Programmed Temperature Control Of A Thermal System	Switzerland	Granted	0184283	1991/12/04	85305195.1		1985/07/22
3307	P0132AGB	Programmed Temperature Control Of A Thermal System	Great Britain	Granted	4,752,216	1988/06/21	06/830,982		1985/07/22
3307	P0132A	Programmed Temperature Control Of A Thermal System	United States	Granted	4,837,441	1989/08/06	06/922,586		1986/10/24
3309	P0139A	Ionization Detectors For Gas Chromatography	United States	Granted	2,183,897	1980/07/11	8528765.6		1985/10/20
3312	P0140ADE	Linearized Ultra-Low Noise Mix Preamp	Great Britain	Granted	3605488	1985/05/24	3605488		1986/02/20
3312	P0140AJP	Detector Pre-amplifier	Germany	Granted	2,068,543	1986/07/10	354098/6		1986/02/21
3312	P0140AGB	Detector Pre-amplifier For Use with a MCT Detector	Japan	Granted	2,171,512	1989/01/25	06/1999.9		1986/01/28
3318	P0141A	Fluid Flow Control System	Great Britain	Granted	4,682,022	1987/07/21	06/704,355		1985/02/21
2445	P0256ADE	Optical Beam Switching Apparatus	United States	Granted	4,617,953	1988/10/21	06/670,714		1984/11/13
2445	P0256AGB	Optical Beam Switching Apparatus	Germany	Granted	P2828145	1987/08/10	2828145		1976/06/27
2445	P0256ANT	Optical Beam Switching Apparatus	Italy	Granted	1191927	1986/02/03			
3321	P0143A	System For Changing Oxidants In a Spectrophotometer	Great Britain	Granted	1599348	1976/05/20			
2515	P0257AJP	Phase Synchronization Apparatus	United States	Granted	4,571,172	1986/02/18	06/870,713		1984/11/13
2515	P0257AGB	Spectroscopic Phase Synchronization Apparatus	Japan	Granted	1,711,151	1992/11/11	8624782		1982/01/26
2515	P0257A	Phase Synchronization Apparatus	Great Britain	Granted	2,092,208	1984/03/22	8131707.6		1981/10/21
2646	P0258AJP	Method And Apparatus For Determining The Nature Of An Unknown	United States	Granted	4,386,652	1984/06/07	06/229,683		1981/01/29
2780	P0103AAU	Apparatus And Method For Determining The Nature Of An Unknown	Japan	Granted	1,670,092	1992/06/12	1675328.1		1981/02/06
3331	P0144AFR	Apparatus Useful For Postcuring A Light Filter	Great Britain	Granted	2,070,235	1984/02/01	8103088.4		1981/02/02
3331	P0280AEP	Solvent Preswetting & Degasing System	Australia	Granted	384,417	1985/12/12	8437182		1982/06/01
3331	P0144AGB	Solvent Preswetting & Degasing System	France	Granted	0179349	1989/05/24			
3331	P0144A	Solvent Preswetting & Degasing System	Europe	Pending			90101324.3		1990/01/23
3331	P0144ADE	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Germany	Granted	3570527.2	1989/05/24	3570527		1989/05/24
3331	P0144ANL	Solvent Preswetting & Degasing System	Netherlands	Granted	0179349	1989/05/24			
3331	P0144ACH	Solvent Preswetting & Degasing System	Switzerland	Granted	0179349	1989/05/24			
3331	P0144AGB	Solvent Preswetting & Degasing System	Great Britain	Granted	0179349	1989/05/24			
3331	P0144A	Solvent Preswetting & Degasing System	United States	Granted	4,541,452	1985/09/17	06/659,374		1984/10/10
3331	P0280AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Japan	Pending					
3365	P0145AEP	Ionization Detectors For Gas Chromatography	Europe	Granted	0249714	1989/02/17	385439/0		1990/01/16
3365	P0145AFR	Ionization Detectors For Gas Chromatography	Germany	Granted	0249714	1989/02/17	87105713.9		1987/04/16
3365	P0145ADE	Ionization Detectors For Gas Chromatography	France	Granted	0249714	1989/02/17	87105713.9		1987/04/16
3365	P0145ANL	Ionization Detectors For Gas Chromatography	Netherlands	Granted	0249714	1989/02/17	87105713.9		1987/04/16
3365	P0280ACA	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Canada	Allowed	2,007,742	2000/10/14	2,007,742		1990/01/15
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Italy	Granted	0249714	1989/02/17	87105713.9		1987/04/16
3365	P0145ASE	Ionization Detectors For Gas Chromatography	Japan	Granted	2,574,268	1989/10/24			
3365	P0145AGB	Ionization Detectors For Gas Chromatography	Sweden	Granted	0249714	1989/02/17	87105713.9		1987/04/16
3365	P0145A	Ionization Detectors For Gas Chromatography	Great Britain	Granted	0249714	1989/02/17	87105713.9		1987/04/16
3365	P0145A	Ionization Detectors For Gas Chromatography	United States	Granted	4,873,862	1989/10/17	07/004,810		1987/01/09
4369	P0042AAU	Neubulzer	Australia	Granted	707,363	1999/07/08	2507195		1995/07/14

3389	P0146AEP	Automatic Optimization Procedure	Europe	Granted	0192201	1992/07/29	63441/86	1996/02/20
3389	P0146AAU	Automatic Optimization Procedure	Australia	Granted	595,853	1999/07/27	63441/86	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	3685175.8	1992/01/28		
3369	P0146ANL	Automatic Optimization Procedure	Netherlands	Granted	0192201	1992/01/28		
3369	P0146ANT	Automatic Optimization Procedure	Italy	Granted	0192201	1992/01/28		
3369	P0146AJP	Automatic Optimization Procedure	Japan	Granted	1,911,192	1995/02/08	35409/86	1998/02/21
3369	P0146ACH	Automatic Optimization Procedure	Switzerland	Granted	0192201	1992/07/28		
3369	P0146AUS	Automatic Optimization Procedure	United States	Granted	4,688,754	1997/08/25	067/04,358	1998/02/21
3318	P0199AAU	Atomic Absorption Spectrometer	Australia	Granted	502,261	1999/03/16	60958/86	1998/02/07
3318	P0199AJP	Atomic Absorption Spectrometer	Japan	Granted	2,118,078	1996/12/06		
3318	P0199AUS	Atomic Absorption Spectrometer	United States	Granted	4,991,960	1999/07/12	06893,786	1996/02/06
3322	P0200AJP	Gas Control Device For Controlling The Fuel Gas	Japan	Granted	2,016,021	1996/02/19	191787/85	1996/02/18
3377	P0147A	Around The Corner Adjustment Device	United States	Granted	4,889,324	1997/08/02	068453,283	1996/04/17
3382	P0203A	Burner Assembly For Atomic Absorption Spectrometer	United States	Granted	4,776,694	1998/10/11	06932,957	1996/11/19
3377	P0147AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Japan	Granted	5,053,621	1999/10/01	07616,123	1999/11/18
4041	P0175A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,917,493	1990/04/17	072/05,888	1990/06/13
3408	P0262A	Electrothermal Atomization Furnace For Spectroscopy	United States	Granted	4,861,207	1990/10/02	072/89,150	1991/08/02
3328	P0018A	Synchronization Of Digital Signals With Alternating Current	United States	Granted	5,160,596	1996/11/01	071/04,626	1990/04/05
4074	P0023A	Plunger Housing Mechanism For Use In Chromatography	United States	Granted	5,265,459	1993/11/20	077/48,548	1991/08/22
4037	P0031A	Single Element Thermal Conductivity Detector	United States	Granted	5,099,196	1992/03/24	076/37,392	1991/01/04
2695	P0261AAU	Circuit For Heating And Sensing With A Single Element	Australia	Granted	542,372	1985/02/21	76972/81	1991/10/20
2695	P0261ADE	Optical Coupling Device	Germany	Granted	3176932.7	1997/02/25	3175992	1997/02/25
2695	P0261ACH	Optical Coupling Device	Switzerland	Granted	0051192	1997/02/25		
4045	P0261AUS	Standardizing And Calibrating A Spectrometric Instrument	United States	Granted	5,301,165	1994/04/12	071834,448	1992/02/12
4317	P0041A	Hybrid Valving System For Varying Fluid Flow Rate	United States	Granted	5,329,985	1994/07/19	08/100,586	1993/07/20
4382	P0044A	Optical Spectrometer For Detecting Spectra In Separate Range	United States	Granted	5,565,983	1996/10/15	08451,351	1995/05/26
4369	P0042A	Nebulizer	United States	Granted	5,464,157	1995/11/07	08276,144	1994/07/18
4371	P0043B	Spark Sampling Microparticle Generator And Method	United States	Granted	5,452,089	1995/08/19	08/137,854	1993/10/15
3984	P0021A	3 Point Bending Measuring System	United States	Granted	4,976,152	1990/12/11	07435,114	1990/11/13
4015	P0024C	Vial Locator And Sensor	United States	Granted	5,171,530	1992/12/15	07803,689	1991/12/03
3382	P0064AEP	Integral Separation Capillary/Conductivity Detector	France	Granted	0241940	1993/01/22	87105712.1	1997/04/16
3382	P0064AFR	Integral Separation Capillary/Conductivity Detector	Germany	Granted	P37837/88.2	1993/01/22	87105712.1	1997/04/16
3382	P0064ADE	Integral Separation Capillary/Conductivity Detector	Netherlands	Granted	0241940	1993/01/22	87105712.1	1997/04/16
3382	P0064ANT	Integral Separation Capillary/Conductivity Detector	Italy	Granted	0241940	1993/01/22	87105712.1	1997/04/16
3382	P0064AJP	Integral Separation Capillary/Conductivity Detector	Japan	Granted	2,735,545	1998/01/09		
3382	P0064ASE	Integral Separation Capillary/Conductivity Detector	Sweden	Granted	0241940	1993/01/22	87105712.1	1997/04/16
3382	P0064AGB	Integral Separation Capillary/Conductivity Detector	Great Britain	Granted	0241940	1993/01/22	87105712.1	1997/04/16
3382	P0064AUS	Method Of Fabricating Capillary Electro Separation Channels	United States	Granted	4,816,123	1998/03/26	1998/07/06	
3382	P0064A	Method Of Fabricating Capillary Electro Separation Channels	United States	Granted	4,982,805	1997/07/28	06830,163	1996/02/16
3401	P0267A	Grasping Finger Position Sensor For A Robot System	United States	Granted	4,716,342	1997/12/29	06830,948	1996/12/05
3433	P0267A	Power Circuit For Spectral Analysis Gaseous Discharge Lamp	United States	Granted	4,726,679	1998/02/23	06835,145	1996/02/03
3435	P0268A	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,684,811	1997/08/04	06835,935	1996/02/03
3436	P0269A	Frictheless Translational Bearing	United States	Granted	4,779,216	1998/10/16	1996/02/03	
3471	P0270A	System For Calibrating A Monochromator	United States	Granted	4,821,465	1998/10/16	1996/02/03	
3480	P0271A	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,876,005	1998/10/24	072/81,374	1998/12/08
3480	P0271AEP	High Pressure Column Assembly For A Liquid Chromatograph	Europe	Granted	P88824284.0	1995/09/20	89102368.1	1998/02/10
3480	P0271ADE	High Pressure Column Assembly For A Liquid Chromatograph	Germany	Granted	0328146	1995/09/20	89102368.1	1998/02/10
3480	P0271AGB	High Pressure Column Assembly For A Liquid Chromatograph	Great Britain	Granted	0328146	1995/09/20	89102368.1	1998/02/10
3514	P0272A	Programmable Lamp Plug	United States	Granted	4,670,813	1997/06/02	06862,924	1996/11/28
	P0273A	Phase Angle Measurement	United States	Granted				
	P0273AEP	Phase Angle Measurement	Europe	Granted				
	P0273AFR	Phase Angle Measurement	France	Granted				
	P0273ADE	Phase Angle Measurement	Germany	Granted				
	P0273AUS	Phase Angle Measurement	Germany	Granted				

2514	P0273AGH	Phase Angle Measurement	Japan	Granted	0101982	1988/11/30	83107709	198308004
2515	P0273AGB	Phase Angle Measurement	Switzerland	Granted	4742276	1988/05/03	06189456	198607275
3048	P0287ADE	Phase Synchronization	Great Britain	Granted	4994676	1991/02/19	071544788	1990106225
3576	P0285A	Regulated Deuterium Arc Supply System	Germany	Granted	141585			
3836	P0280A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	3407697	1985/08/29	3307587	198303003
2956	P0276ADE	Variable Gain Amplifier	Germany	Granted	1568343	1990/07/10	5142802	198203031
2725	P0285AJP	Apparatus For Reducing Current Leakage From A Resistor	Japan	Granted	0056138	1987/02/25	8110780	198110002
2695	P0281AEP	Optical Coupling Device	Europe	Granted	0058138	1987/09/09	81110555	198112117
2742	P0278AEP	Flowmeter System With Synchronous Check For Generation Of TI	Europe	Granted	0058836	1985/09/21	821006483	1982/07/28
2851	P0099AEP	Optical Beam Splitter	Europe	Granted	0075869	1986/10/15	821006509	1982/07/19
2873	P0099AEP	Apparatus Used With A Chromatography Column	Europe	Granted	0027588	1987/01/07	831004098	1983/01/20
2889	P0103AEP	Spectrophotometer	Europe	Granted	0128120	1988/09/17	841062224	1984/05/30
2930	P0104AEP	Liquid Level Sensor	Europe	Granted	0154782	1989/04/23	851009472	1985/01/30
3007	P0106AEP	Sample Cell Temperature Stabilizer	Europe	Granted	0156132	1989/10/05	851012526	1985/02/08
3111	P0114AEP	Pulse Damper	Europe	Granted	0178949	1989/05/24	85112742	1985/10/08
2730	P0278AEP	Solvent Passivating & Degassing System	Europe	Granted	0185926	1992/09/30	85147181	1985/11/19
4086	P0034A	Main-port Valve In Gas Collection System And Method	Australia	Granted	5428686	1995/06/27	081092162	1983/07/15
4317	P0041AAU	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	692773	1991/02/01	881058184	1984/07/28
4432	P0051B	Hybrid vaking system for varying fluid flow rate	United States	Granted	5655681	1997/04/12	081724432	1984/01/01
4433	P0052A	Thermal Insulating Container For Liquefied Gas	United States	Granted	5762381	1998/08/08	081669535	1985/02/07
4434	P0053A	Connecting Apparatus For Conveyance Of Cryogenic Fluid	United States	Granted	5716082	1998/02/10	081525976	1985/09/07
4471	P0062A	Fluid Carrying Device With Removable Connection	United States	Granted	5928266	08/05/0775	0819971015	1985/10/15
4012	P0281ADE	Mounting Apparatus For Induction Coupled Plasma Torch	Germany	Granted	4135021	1991/07/20	891082645	1984/04/27
3628	P0284AEP	Analysis Of Organic Material	Europe	Granted	0280335	1995/07/26	881029409	1984/02/28
3703	P0285AEP	Thermal Conductivity Detector	Europe	Granted	0281966	1994/02/02	881034004	1984/03/04
3638	P0286AEP	Inductively Coupled Plasma Torch With Sample Injector	Europe	Granted	0281158	1994/01/12	881034136	1984/03/04
3637	P0287AEP	Power System For Inductively Coupled Plasma Torch	Europe	Granted	0281157	1994/05/29	881034037	1984/03/04
3684	P0288AEP	Chromatography Column	Europe	Granted	0287822	1993/03/10	881037483	1984/04/11
0645	P0291AEP	Chromatography Column	Germany	Granted	285891	1990/10/17	881037878	1984/11/18
4589	P0292ADE	Computer Operated Spectrometric Instrument	France	Granted	7126944	1972/03/06	7126944	1971/02/13
3527	P0296AEP	Low Frequency Signal Processing Circuitry	Germany	Published	39540755			1995/10/08
3809	P0300AEP	Method And Apparatus For Comparing Spectra	Europe	Granted	0334303	1994/07/20	891050643	1984/02/21
3772	P0301AEP	Apparatus For Differential Analysis Of Sample Dielectric Pro	Europe	Granted	0344783	1994/03/02	891059463	1984/05/01
	P0302AEP	Monitoring Constituents Of An Animal Organ Using Statistical	Europe	Granted	0344782	1994/03/02	891059463	1984/05/01
	P0303AEP	Monitoring Constituents Of An Animal Organ Using Statistical	Europe	Granted	0344782	1993/10/27	891059475	1984/05/01
	P0304AEP	Standardization Of Spectral Lines	Europe	Granted				1984/05/01
4088	P0307AEP	Method And Apparatus For Comparing Spectra	Europe	Granted	0535700	1987/03/26	921189132	1982/10/02
4073	P0308AEP	Apparatus For Differential Analysis Of Sample Dielectric Pro	Europe	Granted	0558972	1993/09/08	931021667	1983/02/11
4511	P0069B	Apparatus For Differential Analysis Of Sample Dielectric Pro	United States	Granted				1983/02/11
4592	P0074B	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Pending				1984/08/28
4063	P0079AJP	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Pending	5256821			1984/08/28
4498	P0067B	Method Of Manufacturing Glass Beads	Japan	Granted	5933357	1990/08/03	08/051789	1997/05/06
3915	P0317AJP	Backwashing System For Gas Chromatography	United States	Granted				1997/05/06
3913	P0318AJP	Backwashing System For Gas Chromatography	Japan	Pending				1989/07/27
4113	P0319AJP	Backwashing System For Gas Chromatography	Japan	Pending				01-508455
2730	P0278ADE	Multiple Valve In Gas Collection System And Method	Germany	Pending				05-263036
3684	P0288AEP	Chromatography Column	Germany	Granted	P3868715.9	1982/09/20	851147181	1983/09/28
3772	P0301ADE	Standardization Of Spectral Lines	Germany	Granted	P3878870.1	1993/03/10	881037483	1984/04/11
2746	P0320ADE	Standardization Of Spectral Lines	Germany	Granted	P68910188.0	1993/10/27	891059475	1984/05/01
3514	P0272ADE	Standardization Of Spectral Lines	Germany	Granted	3175277			3175277
				Granted	3862749			3862749
								1991/12/04

3638	P0286ADE	Inductively Coupled Plasma Torch With Sample Injector	Germany	Granted	P286862.4	1994/01/12	66103413.6	1988/02/04
3703	P0285ADE	Thermal Conductivity Detector	Germany	Granted	P285754.1	1994/02/02	66103408.4	1988/02/04
3809	P0300ADE	Monochromator Drift Compensation	Germany	Granted	P3001326.6	1994/03/02	66103948.3	1988/06/01
3837	P0287ADE	Power System For Inductively Coupled Plasma Torch	Germany	Granted	P2870422.7	1994/06/29	66103403.7	1988/03/04
3827	P0297ADE	Low Frequency Signal Processing Circuitry	Germany	Granted	P2971682.4.1	1994/07/20	66105056.3	1988/03/21
3536	P0298ADE	Detection Cell For Spectrophotometer Used In Liquid Chromatography	Germany	Granted	P68823389	1993/07/12	66105263.1	1988/03/23
4088	P0307ADE	Method And Apparatus For Comparing Spectra	Germany	Granted	P30718636.4	1997/03/28	92118013.2	1992/10/02
4073	P0308ADE	Apparatus For Differential Analysis Of Sample Dielectric Pro	Germany	Granted	P30820217	1998/09/17	96320217	1993/02/11
3828	P0284ADE	Zero-Dilution Split Injector Used For Gas Chromatography	Germany	Granted	P284208.9	1993/07/26	66102940.9	1988/02/26
4637	P0327A	Monitoring Constants Of An Animal Organ Using Sublethal	United States	Pending				
4606	P0328A	Hybrid Film Type Sensor	United States	Pending				
4607	P0329A	Enclosure For Analytical Instrumentation	United States	Granted	P412.991	1998/08/17	09/444.334	1991/11/19
4601	P0330A	Detection Of Low Level Analytes In Samples Using Agglutinat	United States	Granted	P302.442	1997/08/24	08/831.206	1997/04/02
3809	P0300AAU	Monochromator Drift Compensation	Australia	Granted	612.847	1991/07/18	3587/4/68	1989/06/01
3809	P0300ACA	Monochromator Drift Compensation	United States	Granted	4,316.645	1990/04/10	07201.250	1988/05/02
3828	P0018AAGB	Circuit For Synchronizing Digital Signals With Alternating C	Germany	Granted	1,321.486	1991/02/07	P4024458.8	1990/08/01
4015	P0024ADE	Vial Locator And Sensor	Germany	Granted	2,235.837	1993/06/18	9016503.6	1990/07/27
4015	P0024AEP	Vial Locator And Sensor	Germany	Granted	P69108708.8	1993/06/17	91102281.2	1991/02/18
4015	P0024AAU	Vial Locator And Sensor	Australia	Granted	640.453	1993/04/26	7193/3191	1991/02/27
4070	P0031AEP	Single Element Thermal Conductivity Detector	Europe	Granted	0529295	1998/09/02	92112375.8	1992/07/20
4073	P0031ADE	Apparatus For Differential Analysis Of Sample Dielectric Pro	Germany	Granted	69226833.2	1998/08/02	92112375.8	1992/07/20
2730	P0278AAGB	Detector Cell For Liquid Chromatography	United States	Granted	5,309.710	1994/04/02	02/845.954	1992/03/04
3536	P0298AAGB	3 Point Banding Measuring System	Great Britain	Granted	01865926	1992/09/30	65114718.1	1985/11/19
3994	P0021AAGB	Standardizing And Calibrating A Spectrometric Instrument	Great Britain	Granted	0335288	1992/07/12	89105283.1	1988/03/23
4015	P0027AAGB	Photodetector Amplifier Linearity	Great Britain	Granted	0428010	1994/06/01	90120859.5	1990/10/31
4046	P0028AAGB	Method Of Manufacturing Glass Beads	Great Britain	Granted	0444498	1995/05/17	91102281.2	1991/02/18
4063	P0029AAGB	Apparatus For Differential Analysis Of Sample Dielectric Pro	Great Britain	Granted	0560006	1997/12/10	93100106.9	1993/03/10
4076	P0030AAGB	Absorbance Correction In Atomic Absorption Spectroscopy	Great Britain	Granted	0558972	1997/04/09	93100102.8	1993/01/07
4081	P0031AAGB	Method For Heating A Thermionic Detector Source	Great Britain	Granted	0558972	1995/06/28	93102188.7	1993/02/11
2936	P0276AAGB	Variable Gain Amplifier	Great Britain	Granted	2,261.669	1995/04/12	93102188.7	1993/02/11
4056	P0331AAGB	Double Beam Detector System For Liquid Chromatography	Great Britain	Granted	2,262.180	1995/04/02	9223548.0	1992/11/10
4086	P0034ADE	Photometric Instrument With Optical Fibers For Analyzing	Great Britain	Granted	2,261.634	1995/12/06	9223588.5	1992/11/11
	P0333A	Method For Processing A Sample	Great Britain	Granted	0529541	1996/04/17	92114331.9	1992/04/21
	P0333ANL	Method For Processing A Sample	Germany	Pending			P4424961.6	1994/07/14
	P0333AWD	Method For Processing A Sample	United States	Allowed			08/101.819	1998/10/20
4462	P0326ACA	Detection Of Low Level Hydrophobic Analytes In Samples	The Netherlands	Pending			1002110	1996/01/17
4462	P0326AEP	Detection Of Low Level Hydrophobic Analytes In Samples	PCI	Published			P/CT/NL/87/00005	1987/01/07
4462	P0326AAU	Detection Of Low Level Hydrophobic Analytes In Samples	Canada	Published	2,285.282		2,285.282	1988/04/02
4462	P0326AJP	Detection Of Low Level Hydrophobic Analytes In Samples	Europe	Published	98914440.7		98914440.7	1988/04/02
4462	P0326AAU	Detection Of Low Level Hydrophobic Analytes In Samples	Japan	Pending	10-54204		10-54204	1990/10/04
4501	P0330ACA	Detection Of Low Level Analytes In Samples Using Agglutinat	Australia	Published	6878698		6878698	1993/04/02
4501	P0330AEP	Detection Of Low Level Analytes In Samples Using Agglutinat	Europe	Pending	2,285.219		2,285.219	1998/04/02
4501	P0330AAU	Detection Of Low Level Analytes In Samples Using Agglutinat	Canada	Published	98814435.7		98814435.7	1998/10/04
4501	P0330AJP	Detection Of Low Level Analytes In Samples Using Agglutinat	Australia	Pending	68793198		68793198	1998/04/02
4662	P0333AEP	Method For Processing A Sample	Japan	Pending	10-541999		10-541999	1999/10/04
3729	P03335A	Detector For A Spectrometer	United States	Granted	5,891.740	1999/04/06	08/632.166	1997/04/02
4086	P0028AAGB	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	4,820.048	1999/04/11	07123.025	1997/11/19
4569	P0296A	Computer Operated Spectrometric Instrument	Great Britain	Granted	2,312.044	1994/01/21	19747/80.5	1997/07/14
	P0337A	Method and Apparatus for Iterative Spectral Compression	United States	Allowed			08/300.608	1999/04/27
5002	P0338A	Method And Apparatus For Impurity Detection	United States	Pending			09/503.092	2000/02/11
			United States	Pending			08/561.600	2000/04/27

4488	P0307AJP	Method And Apparatus For Comparing Spectra	Japan	Granted	5-209828	1993/08/20	4-287034	1992/10/02
4401	P0330B	Detection Of Low Level Analytes In Samples Using Aligned Spectroscopic Determination Of The Dissociation Constants	United States	Pending To File			09/288,513	1998/03/12
4449	P0333A	Non-Invasive Assay Determination Of Protein-Ligand Interactions	United States	To File				
3108	P0262AAU	Electrochemical Amperometric Furnace For Spectroscopy	Australia	Granted	598,940	1990/07/05	1617508	1998/08/20
4010	P0334TA	Optical Switching Device	United States	Granted	5,055,886	1997/03/15	07/603,592	1990/10/25
4063	P0023A	Method Of Manufacturing Glass Beads	United States	Granted	5,198,009	1992/03/20	07/786,497	1993/11/22
4086	P0034B	Photometric Instrument With Optical Filters For Analyzing Phase Angle Measurement	United States	Granted	5,526,451	1996/06/11	08/324,650	1998/10/18
3327	P0297A	Phase Angle Measurement	United States	Granted	4,985,683	1997/01/15	07/173,201	1998/03/24
3327	P0297AFR	Phase Angle Measurement	France	Granted	0334303	1994/07/20	88105064.3	1998/03/21
3327	P0297AJP	Phase Angle Measurement	Japan	Granted	0334303	1998/03/21	88105064.3	1998/03/21
3327	P0297ACH	Phase Angle Measurement	Switzerland	Granted	1,316,631	1998/12/23	737162/9	1998/03/24
3327	P0297AGB	Phase Angle Measurement	Great Britain	Granted	0334303	1994/07/20	88105064.3	1998/03/21
3302	P0016B	Line Frequency Stepped Voltage-To-Frequency Converter System	United States	Granted	4,888,573	1998/09/19	07/119,594	1997/11/12
3602	P0016AEP	Line Frequency Stepped Voltage-To-Frequency Converter System	Europe	Granted	0266682	1993/07/14	87115917.4	1997/10/28
3602	P0016AFR	Line Frequency Stepped Voltage-To-Frequency Converter System	France	Granted	0266682	1993/07/14	87115917.4	1997/10/28
3602	P0016AJP	Line Frequency Stepped Voltage-To-Frequency Converter System	Germany	Granted	P3796522.6	1993/07/14	87115917.4	1997/10/28
3602	P0016AD	Line Frequency Stepped Voltage-To-Frequency Converter System	Netherlands	Granted	0266682	1993/07/14	87115917.4	1997/10/28
3602	P0016ACH	Line Frequency Stepped Voltage-To-Frequency Converter System	Switzerland	Granted	0266682	1993/07/14	87115917.4	1997/10/28
3628	P0284A	Analysis Of Organic Material	United States	Granted	4,795,614	1999/10/10	07019,905	1997/02/27
3628	P0284B	Analysis Of Organic Material	United States	Granted	5,044,660	1991/09/03	07178,713	1998/04/07
3628	P0284C	Analysis Of Organic Material	United States	Granted	5,013,528	1991/05/07	07218,721	1998/02/13
3628	P0284D	Analysis Of Organic Material	United States	Granted	0280335	1997/08/08	88102840.0	1998/02/26
3628	P0284E	Analysis Of Organic Material	Japan	Granted	2,683,011	1997/08/08	88102840.0	1998/02/26
3628	P0284F	Analysis Of Organic Material	Japan	Granted	2,730,624	1997/12/18	5619497	1997/01/16
3628	P0284G	Analysis Of Organic Material	Japan	Pending			562297	
3637	P0284H	Power System For Industrially Coupled Plasma Torch	Great Britain	Granted	0280335	1995/07/26	88102840.0	1998/02/26
3637	P0284I	Power System For Industrially Coupled Plasma Torch	United States	Granted	4,818,916	1997/03/06	07022,828	1997/03/06
3637	P0284J	Power System For Industrially Coupled Plasma Torch	France	Granted	9281157	1994/08/29	88103402.7	1998/03/04
3637	P0284K	Power System For Industrially Coupled Plasma Torch	Japan	Granted	2,708,447	1997/10/17	5179408	1998/03/07
3637	P0284L	Power System For Industrially Coupled Plasma Torch	Great Britain	Granted	0281157	1994/08/29	88103402.7	1998/03/04
3638	P0284M	Inductively Coupled Plasma Torch With Sample Injector	United States	Granted	4,766,287	1998/08/23	07022,910	1997/03/06
3638	P0284N	Inductively Coupled Plasma Torch With Sample Injector	France	Granted	0281158	1994/01/12	88103413.6	1998/03/04
3638	P0284O	Inductively Coupled Plasma Torch With Sample Injector	Japan	Granted	2,758,165	1998/03/13	5179508	1998/03/07
3638	P0284P	Inductively Coupled Plasma Torch With Sample Injector	Great Britain	Granted	0281158	1994/01/12	88103413.6	1998/03/04
3684	P0288A	Chromatography Column	United States	Granted	4,872,979	1998/10/10	07004,654	1997/04/12
3684	P0288AAU	Chromatography Column	Australia	Granted	598,926	1998/04/22	15092/88	1998/04/12
3684	P0288AAFR	Chromatography Column	France	Granted	0287822	1993/03/10	88105748.3	1998/04/11
3684	P0288AAJ	Chromatography Column	Japan	Granted	0287822	1993/03/10	88105748.3	1998/04/11
3684	P0288AJP	Chromatography Column	Japan	Granted	2,644,268	1997/05/02	96977/68	1998/04/11
3684	P0288AGB	Chromatography Column	Great Britain	Granted	0287822	1993/03/10	88105748.3	1998/04/11
3684	P0288A	Method Of Assembling A Chromatography Column	United States	Granted	4,995,163	1991/02/26	07078,676	1998/04/25
3703	P0288A	Thermal Conductivity Detector	United States	Granted	4,813,267	1999/03/21	07072,147	1997/03/05
3703	P0288AT	Thermal Conductivity Detector	Japan	Granted	0281986	1994/02/26	88103409.4	1998/03/04
3628	P0288AJP	Thermal Conductivity Detector	Japan	Granted	2,683,012	1997/08/08	49955/68	1998/03/04
3703	P0288AGB	Thermal Conductivity Detector	Great Britain	Granted	0281986	1994/02/26	88103409.4	1998/03/04
3729	P0335AEP	Detector For A Spectrometer	Europe	Granted	0316802	1995/04/06	88118828.8	1998/11/11
3729	P0335AAU	Detector For A Spectrometer	Australia	Granted	625,233	1997/10/26	23688/8	1998/11/18
3729	P0335AFR	Detector For A Spectrometer	France	Granted	1,321,898	1993/03/07	591,269	1998/10/26
3729	P0335AJP	Detector For A Spectrometer	Germany	Granted	0316802	1994/04/06	88118828.8	1998/11/11
3729	P0335A	Detector For A Spectrometer	Japan	Granted	2,760,818	1998/03/20	23033/88	1998/11/18
3729	P0335AGB	Detector For A Spectrometer	Great Britain	Granted	0316802	1994/04/06	88118828.8	1998/11/11

2786	P0087A	Fluid Flow Control Device	United States	Granted	4,354,932	1982/10/19	06/197,302	1980/10/15
4456	P0059A	Heater Control Circuit	United States	Granted	5,672,289	1987/08/30	08/589,410	1986/07/11
4435	P0056A	Apparatus For Controlling Level Of Cryogenic Liquid	United States	Granted	6,671,603	1987/08/30	08/589,438	1982/12/08
4431	P0054A	Dry Gas Curtain For Cryogenic Surface	United States	Granted	5,590,537	1987/10/107	08/524,555	1985/07/07
4430	P0050A	Chromatogram Having Rapid Cooling Of A Heating Vessel Therein	United States	Granted	6,076,118	1989/03/102	08/569,358	1985/12/08
4411	P0047A	Gas Chromatographic System With Controlled Sample Transfer	United States	Granted	5,711,786	1989/03/127	08/734,689	1986/10/21
3522	P0200A	Flow Regulation In Gas Chromatograph	United States	Granted	6,545,352	1988/08/113	08/577,707	1985/03/01
4073	P0308AJP	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,681,530	1987/07/121	06/683,770	1986/05/16
3536	P0288AEP	Differential Dielectric Analyzer	Japan	Pending			05-084842	1983/03/02
2956	P0276A	Detector Cell	Europe	Granted	0336288	1985/07/112	89/105283,1	1984/07/06
2782	P0278A	Optical Coupling Device	United States	Granted	4,494,212	1985/10/115	06/674,547	1984/07/06
2750	P0277A	Potentiometer System With Synchronous Check For Generation Of Tri	United States	Granted	4,345,479	1982/08/24	06/224,783	1981/01/13
3536	P0298AJP	Multi-port Valve In Gas Collection System And Method Of Use	United States	Granted	4,801,211	1988/07/122	06/680,668	1984/12/12
3538	P0298BEP	Low Cost Detector Cell	Japan	Granted	12,042,337	1989/12/24	78/852/88	1988/03/31
4511	P0098C	Detector Cell For Liquid Chromatography	Europe	Published	0626574		94/109752,9	1993/03/23
5015	P0093C	Monitoring Consultants Of An Astral Organ Using Statistical	United States	Pending			08/479,642	2000/01/07
4479	P0084ACH	Barcode Labeling Of ATD Tubes	United States	To File				
4479	P0084ADE	Analyzing Spectrometric Data	Switzerland	Granted	0834725		97/117174,9	1997/10/02
4479	P0084AER	Analyzing Spectrometric Data	Germany		0834725			
4479	P0084AGB	Analyzing Spectrometric Data	France		0834725			
4479	P0084AIT	Analyzing Spectrometric Data	Great Britain		0834725			
4479	P0084ANI	Analyzing Spectrometric Data	Italy		0834725			
2730	P0344A	Analyzing Spectrometric Data	Netherlands		0834725			
4045	P0279AJP	Multiplexed Growth And Detection Strategy	Japan	Granted	1,838,829	1984/04/25	276111/85	1985/12/12
4046	P0277ADE	Multi-port Valve In Gas Collection System And Method Of Use	Germany	Granted	0560006		93/100106,9	1983/01/07
4076	P0028ADE	Standardizing And Calibrating A Spectrometric Instrument	Germany	Granted	P69/105504	1987/04/109	93/100102,8	1983/01/07
4137	P0033AAU	Photodiector Amplifier Linearity	Australia	Granted	654,088		29814/82	
4493	P0089AAU	Absorbance Correction In Atomic Absorption Spectrometry	Australia	Granted	687,614		57673/94	
4642	P0089AEP	Grouping Of Spectral Bands For Data Acquisition	Australia	Granted			9739605,1,6	1987/07/28
4641	P00345A	Tunable External Cavity Diode Laser	Europe	Published				
5003	P0346A	Use Of Hg Lines From Hg Lamp For Wavelength Standardization	United States	To File				
5006	P0349A	Low Cost Detector Cell	Japan	Granted	3,016,789	1988/12/24	78,752/89	1989/12/24
3824	P0009A	Use Of Ne Lines For ICP Instrument Standardization	United States	To File				
3824	P0009AJP	Methods And Apparatus To Improve The Sensitivity	United States	Pending			60/193,974	2000/03/31
3824	P0009AEP	Apparatus And Methods For Bismuth Resonance Analytical Methods	United States	Pending			60/193,519	2000/03/31
3824	P0009ACN	Polymeric Sampling Syringe	Germany					
3824	P0009ADE	Polymeric Reseal Pad	Germany					
5000	P00353A	Sampling Device For Use In Automated Methods	United States	Granted	4,653,513	1988/08/01	07/187,106	1988/04/28
3264	P0002A	Arc Spray Gun For Coating Confined Areas	United States	Granted	1,314,844	1983/03/23	587,286	1983/04/20
3824	P0009AJP	Arc Spray Gun For Coating Confined Areas	Canada	Granted	2-164470	1980/06/25	1-104817	1983/04/28
3824	P0009AEP	Arc Spray Gun For Coating Confined Areas	Japan	Granted	0319650		89/107686,1	1989/04/27
3824	P0009ACN	Arc Spray Gun For Coating Confined Areas	Europe	Granted	1039878			
3824	P0009ADE	Arc Spray Gun For Coating Confined Areas	China	Granted	68922648			
4590	P0073AAVO	Detection Of Low Level Hydrophobic Analytes In Samples	Germany	Granted				1989/04/27
	P0071B	Auto sampler	United States	Pending			60/175,988	2000/01/13
	P0045ADE	Auto sampler Having Grippes With Shape Memory Metal Actuator	United States	Pending			06/704,386	1988/02/22
	P0047BAU	Flow Regulation In Gas Chromatograph	Germany	Pending				
			Australia	Pending			1757800	2000/02/18

4484	P0053AUF	Fluid Conveying Device With Removable Connection	Italy	Pending				
	P0053AUF	Fluid Conveying Device With Removable Connection	France	Pending				
	P0053ADH	Fluid Conveying Device With Removable Connection	Germany	Pending				
	P0053AGH	Fluid Conveying Device With Removable Connection	Switzerland	Pending				
	P0065AWO	Self Aligned Optical Fiber Terminator	PCT	Pending				
	P0357A	Non-Contacting Method of Cleaning Surfaces	United States	Granted	4,866,024	1990/06/11	PCT/US00/08897	2000/04/01
	P0357ACA	Non-Contacting Method of Cleaning Surfaces	United States	Granted	4,866,024	1990/06/11		
	P0357AEP	Non-Contacting Method of Cleaning Surfaces	Europe	Granted	1,315,923	1989/04/13	857,905	1989/01/11
	P0357ALP	Non-Contacting Method of Cleaning Surfaces	Japan	Granted	0324435	1990/07/19	1990/03/48,9	1989/01/10
	P0357ADE	Non-Contacting Method of Cleaning Surfaces	Germany	Granted	1,225,125	1989/08/08	882,902	1989/01/11
	P0358A	Scanning Array Spectrophotometer	United States	Granted	6,180,842	1992/11/04	809,422	1989/01/10
	P0359A	Method and Apparatus For Reactorless Rotation	United States	Granted	4,798,464	1990/01/17	066,831,658	1986/03/12
	P0042ADE	Nebulizer	Germany	Granted	5,131,611	1992/07/21	891,935	1991/04/26
	P0042AGS	Nebulizer	United Kingdom	Granted	693,320		P9514470.2	
	P0042ANL	Nebulizer	Netherlands	Granted	693,320		693,320	
	P0333AAU	Method For Processing A Sample	Italy	Granted	0528285	1990/08/02	92112315.0	1992/07/20
	P0031AIT	Single Element Thermal Conductivity Detector	Japan	Granted	2,678,878	1990/08/28	198,545	1988/05/18
	P0271AJP	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,952,858	1988/11/23	83108854.4	1989/05/17
	P0380A	Microthograph Apparatus	Europe	Granted	0347839	1990/02/06	123,023	1989/05/18
	P0380AEP	Microthograph Apparatus	Japan	Granted	2,035,709	1992/06/23	598,723	1989/05/15
	P0380AJP	Microthograph Apparatus	Canada	Granted	1,304,173	1992/06/23	623,233	1989/05/17
	P0380ACA	Microthograph Apparatus	Germany	Granted	89925231	1990/02/08		
	P0380ADE	Microthograph Apparatus	United States	To File				
	P0361A	Design Of A Device For Sampling A Surface To Collect	United States	To File				
	P0362A	Polymeric Carrier For Reagents	United States	To File				
	P0363A	Low Cost Internal Calibration Standard	United States	To File				
	P0364A	Dual Photodiode Connection Of Background For Bioluminescence	Great Britain	Granted	2,180,044		P3870372.9	
	P0199AGS	Atomic Absorption Spectrometer	Germany	Granted				
	P0200ADE	Gas Control Device For Controlling The Fuel Gas	United States	Granted	P3870372.9			
	P0265A	Conductive Coating To Eliminate Charge Effects And Reduce	United States	To File				
	P0265A	Sant-Check Swab And Swabbing Technique	United States	To File				
	P0267A	Dual Photodiode Connection Of Background For Bioluminescence	United States	To File				
	P0267A	Sant-Check Detection Of Inhibitory Components	United States	To File				
	P0268A	Grouping Of Spectral Bands For Data Acquisition	Germany	Pending				
	P0039ADE	Device For Lighting A Flame In An Atomic Absorption Estromet	Great Britain	Granted	2,180,028	1987/03/25	882,1642	1986/09/10
	P0201AGB	Device For Lighting A Flame In An Atomic Absorption Estromet	Germany	Granted	P3532537.2	1987/03/19	P3532537.2	1985/09/12
	P0201ADE	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	3529547.3			1985/09/17
	P0200BDE	Method For Measuring Absolute Value Of Thermal Conductivity	United States	Pending				
	P0371A	Method Of Detecting Organisms In A Sample	United States	Granted	5,902,722	1990/05/11	089,85,574	1987/12/05
	P0372ANVO	Method Of Detecting Organisms In A Sample	United States	Pending				
	P0376A	RH Compensation By Nitrogen Coatings Of Electrochemical	United States	To File				
	P0377A	Planar Electrochemical Gas Sensor	United States	To File				
	P0378A	Electrochemical Gas Sensor With Miniaturized Flow Channels	United States	To File				
	P0319A	Catharion-Free Electrochemical Sensor	United States	To File				
	P0380A	Electrochemical Sensor With Dry Nafion	United States	To File				
	P0381A	Integrated Electrochemical Gas Sensor	United States	To File				
	P0382A	Prevention Of Flooding In Thick-Film Electrochemical Sensors	United States	To File				
	P0383A	RH Compensation For Electrochemical Sensors With Differential	United States	To File				

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September 29, 2000

U.S. Patent and Trademark Office
Assignment Division
Box Assignments, CG-4
1213 Jefferson Davis Highway, Suite 320
Washington, D.C. 20231

Re: Assignment Recordation and Name Change
Patent No. 4,779,216
System for Calibrating a Monochromator
SSJR File: 03141-P0270A

Dear Sir or Madam:

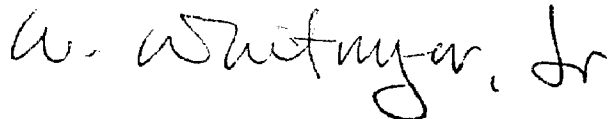
We enclose an Assignment document and a Change of Name document to be recorded for the US Patent No. 4,779,216. Please record the enclosed documents in the following order:

1. Perkin-Elmer Corporation to Perkin Elmer LLC (Assignment)
2. Perkin Elmer LLC to PerkinElmer Instruments LLC (Name Change)

Also enclosed are two company checks each in the amount of \$40.00 to cover costs for recording both of the documents mentioned above.

Thank you for your assistance with this matter. If you have any further questions please contact us.

Sincerely,



Wesley W. Whitmyer, Jr.
wwwjr@ssjr.com

WWW:dd
Enclosures

C: Phil Ayers, Esq. (via facsimile 203-761-5006 only) w/o enclosures

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