

10-26-2000



PATENT
03141-D0068A WWW

IN THE UNIT

101497150

DEMARK OFFICE

Assignor:	Perkin-Elmer Corporation
Assignee:	Perkin Elmer LLC
Patent No. D412,991	Issue Date: August 17, 1999
Title of Application:	Enclosure For Analytical Instrumentation

10-10-00

Box Assignment
Assistant Commissioner for Patents
Washington, DC 20231

Assignment Recordation Form Cover Sheet

Dear Sir:

Please record the attached original document.

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

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

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

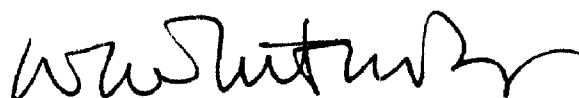
October 6, 2000

Danielle Dominici

10/23/2000 DEPOSE
10/23/2000 DEPOSE
10/23/2000 DEPOSE

5. Patent Number: D412,991.
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

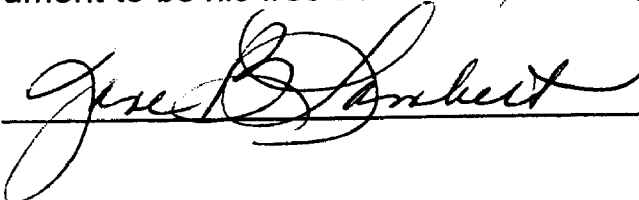
Title: Assistant Secretary

State of Connecticut

ss.

County of Fairfield

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 

Patent Number	Patent Title	Applicant	Inventor	Country	Status	Registration Number	Issue Date	Serial Number	File Date
0695	Automatic Variable Filters For Use In Scanned Spectrometers	PO039ASE	Sweden	Pending				11459-6	187304/23
2103	Flame Ionization Detector Status Indicator	PO044AJP	Japan	Pending				1609-48	187811/29
2132	Detector Cell Assembly	PO035AJP	Japan	Pending				603005/66	188064/23
2557	High Resolution Slipping Motor Drive	PO068AJP	Japan	Pending				276469/67	188711/06
3602 (HWK/UM5B)	Ultra Frequency Slaved Voltage-To-Frequency Converter System	PO016AJP	Japan	Granted		3060314	1987/12/10	02-205946	188003/02
3929	Circuit For Synchronizing Digital Signals	PO019AJP	Japan	Granted			2000/04/26	P3827768.2	188540/23
3906	Application Of Kilmann Filtering To ICP Spectra	PO019AJP	Germany	Pending				P4100046.3	189110/103
3984	Quadrupole Mass Filter For Charged Particles	PO020AJP	Germany	Allowed				P2304227	189011/113
3973	3 Point Banding Measuring System	PO021AJP	Japan	Pending				P4110763.2	189104/03
4014	Purging Monitoring Mechanism For Use In Chromatography	PO023AJP	Germany	Granted		3,057,380	2000/04/21	3-73264031	189310/05
4014	Purging Monitoring Mechanism For Use In Chromatography	PO023AJP	Canada	Pending				2,035,916	189310/207
4015	Vial Locator And Sensor	PO024AJP	Japan	Granted		5-104160	1993/09/30	33302719.1	189310/227
4037	Circuit For Heating And Sealing With A Single Element	PO025AJP	Europe	Granted		0498053		9127135.7	189311/210
4037	Circuit For Heating And Sealing With A Single Element	PO025AJP	Japan	Granted		4,310,830		2,087,360	189310/115
4045	Standardizing And Calibrating A Spectrometric Instrument	PO027AJP	Canada	Pending				97250176.7	189706/09
4045	Standardizing And Calibrating A Spectrometric Instrument	PO027AJP	Europe	Granted		560,006		6,082,307	189307/203
4045	Standardizing And Calibrating A Spectrometric Instrument	PO027AJP	Japan	Granted				1937/93	2000/03/14
4045	Standardizing And Calibrating A Spectrometric Instrument	PO027AJP	Korea	Granted				2,087,821	189307/121
4045	Standardizing And Calibrating A Spectrometric Instrument	PO027AJP	Canada	Pending				05-023171	189307/119
4046	Photodetector Amplitude Linearity	PO028AJP	Japan	Granted		247,171	1989/02/10	728/93	189307/121
4067	Inductively Coupled Plasma Generator	PO030AJP	Japan	Pending				115169/93	189304/020
4076	Single Element Thermal Conductivity Detector	PO031AJP	Japan	Pending		5-223771	1983/06/31	241447/92	1892/08/19
4091	Absorbance Correction In Atomic Absorption Spectroscopy	PO034AJP	Germany	Pending				P4240301.4	1892/12/01
4126	Method And Apparatus For Heating A Thermionic Detector Source	PO035AJP	Germany	Pending				P4237167.0	1892/11/04
4132	Sampling Conditioning Method & Apparatus	PO035AJP	Japan	Granted		5-256822	1993/10/08	04-327513	1892/11/13
4132	Sampling Conditioning Method & Apparatus	PO035AJP	Europe	Pending				91800388.3	1895/07/26
4133	Optical Switching Apparatus With Retroreflector	PO038AJP	Germany	Pending				19502431.1	1895/02/27
4137	Grouping Of Spectral Bands For Data Acquisition	PO039AJP	Japan	Granted		7,287,176		3859/195	1895/02/27
4137	Grouping Of Spectral Bands For Data Acquisition	PO039AJP	Canada	Allowed				2,115,856	1894/02/17
4137	Grouping Of Spectral Bands For Data Acquisition	PO039AJP	Europe	Granted		0615115	2000/04/26	94103591.2	1894/03/08
4137	Grouping Of Spectral Bands For Data Acquisition	PO039AJP	Canada	Granted		6,300,828		384430/4	1894/03/08
4317	Hybrid Valving System For Varying Fluid Flow Rate	PO041AJP	Europe	Allowed				2,126,496	1894/06/22
4317	Hybrid Valving System For Varying Fluid Flow Rate	PO041AJP	Japan	Granted		0616959	2000/04/27	84109891.5	1894/06/22
4389	Hybrid Valving System For Varying Fluid Flow Rate	PO042AJP	Japan	Granted		7,076,032		1770259/4	1894/07/28
4389	Hybrid Valving System For Varying Fluid Flow Rate	PO042AJP	Europe	Published		0693320		85109736.9	1895/06/22
4382	Nebulizer	PO044AJP	Japan	Pending				180304/95	1895/07/17
4382	Optical Spectrometer For Detecting Spectra In Separate Ranges	PO044AJP	Australia	Granted		713,793	1896/05/24	524851/98	1896/07/24
4382	Optical Spectrometer For Detecting Spectra In Separate Ranges	PO044AJP	Europe	Pending		0744598		96101288.1	1896/04/08
4385	Optical Spectrometer For Detecting Spectra In Separate Ranges	PO045AJP	Japan	Pending				13214096	1896/05/12
4385	Apparatus And Method For Differential Analysis Using Signals	PO045AJP	Europe	Pending		0763186		85921345.5	1895/05/22
4385	Apparatus And Method For Differential Analysis Using Signals	PO045AJP	Europe	Pending		0803061		85921344.8	1895/05/22
4385	Apparatus And Method For Differential Analysis Using Signals	PO045AJP	Japan	Pending				8500087	1896/11/29
4382	Apparatus And Method For Differential Analysis Using Signals	PO046AJP	Japan	Pending				8500086	1896/11/29
4392	Spectrometer With Selectable Radiation From Light Source	PO046AJP	Australia	Granted		710,068	2000/01/20	3431595	1896/10/17
4392	Spectrometer With Selectable Radiation From Light Source	PO046AJP	Europe	Pending		0708324		85116662.8	1895/10/04
4411	Spectrometer With Selectable Radiation From Light Source	PO047AJP	Japan	Pending				271017/95	1895/10/19
4411	Flow Regulation In Gas Chromatograph	PO047AJP	Australia	Allowed				45801196	1896/02/28
4411	Flow Regulation In Gas Chromatograph	PO047AJP	Canada	Pending		2,170,080		96103188.7	1896/02/22
4411	Flow Regulation In Gas Chromatograph	PO047AJP	Europe	Pending		0730151			1896/03/01

EXHIBIT A

4411	P0047AJP	Flow Regulation In Gas Chromatograph	Japan	Pending	0851572	1986/03/01	4515106	1986/03/01
4412	P004BAEP	Solid State Inductively Coupled Plasma Generator	Europe	Pending	0851572	1986/03/01	9712104.5	1987/12/12
4427	P004BAJP	Solid State Inductively Coupled Plasma Generator	Japan	Published	10000481	1990/01/05	10000481	1990/01/05
4430	P004BAEP	Gas Chromatographic System With Controlled Sample Transfer	Europe	Pending	0770A89	1986/10/23	96117016.4	1986/10/23
4430	P004BAJP	Gas Chromatographic System With Controlled Sample Transfer	Japan	Pending	0770A89	1986/10/23	281130106	1986/10/23
4431	P0050AJP	Cadmium Having Rapid Cooling Of A Heating Vessel Therein	Japan	Granted	0776463	1987/06/11	961130106	1986/12/03
4431	P0050AEP	Cadmium Having Rapid Cooling Of A Heating Vessel Therein	Europe	Granted	0776463	1987/06/11	326552786	1986/12/03
4432	P0051AEP	Thermal Insulating Container For Liquefied Gas	Europe	Published	0781577	1987/07/11	96113491.3	1986/08/22
4432	P0051AJP	Thermal Insulating Container For Liquefied Gas	Japan	Pending	0781577	1987/07/11	206994486	1986/08/22
4433	P0052AEP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Europe	Pending	0776439	1986/12/03	96119346.1	1986/12/03
4433	P0052AJP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Japan	Pending	0776439	1986/12/03	326554486	1986/12/03
4434	P0053AEP	Fluid Conveying Device With Removable Connection	Europe	Published	0762033	1986/08/14	96113490.5	1986/08/14
4434	P0053AJP	Fluid Conveying Device With Removable Connection	Japan	Pending	0762033	1986/08/14	268996996	1986/08/14
4435	P0054AEP	Dry Gas Curtain For Cryogenic Surface	Europe	Pending	0762094	1986/10/06	96110036.2	1986/07/04
4435	P0054AJP	Dry Gas Curtain For Cryogenic Surface	Japan	Pending	0762094	1986/10/06	23444096	1986/07/04
4440	P0055AEP	Standardizing A Spectrometric Instrument	Europe	Pending	082993.482	1987/12/18	33555097	1987/12/18
4440	P0055AJP	Standardizing A Spectrometric Instrument	Japan	Pending	082993.482	1987/12/18	082993.482	1987/12/18
4443	P0056AEP	Apparatus For Controlling Level Of Cryogenic Liquid	Europe	Granted	6.049.762	2000/04/11	96110246.9	1986/12/03
4443	P0056AJP	Apparatus For Controlling Level Of Cryogenic Liquid	Japan	Granted	6.049.762	2000/04/11	96110246.9	1986/12/03
4443	P0057AEP	Standardizing Between Analytical Instruments	Europe	Pending	0851219	1986/12/09	32691696	1986/12/09
4443	P0057AJP	Standardizing Between Analytical Instruments	Japan	Pending	0851219	1986/12/09	97122551.1	1987/12/19
4456	P0057AEP	Standardizing Of Chromatographic Systems	Europe	Pending	0878712	1987/12/18	35374097	1987/12/18
4457	P0057AJP	Standardizing Of Chromatographic Systems	Japan	Pending	0878712	1987/12/18	0878712	1987/12/18
4457	P0058AEP	Standardizing Of Chromatographic Systems	Europe	Pending	5.536.246	1989/09/28	081019.080	1989/05/14
4457	P0058AJP	Standardizing Of Chromatographic Systems	Japan	Pending	5.536.246	1989/09/28	081019.080	1989/05/14
4457	P0059AEP	Heater Control Circuit	Europe	Granted	0910221	1986/10/09	1082797	1987/01/08
4457	P0059AJP	Heater Control Circuit	Japan	Granted	0910221	1986/10/09	08119130.7	1986/10/09
4471	P0062AEP	Mounting Apparatus For Induction Coupled Plasma Torch	Europe	Pending	0698764	1986/10/15	281630398	1986/10/15
4471	P0062AJP	Mounting Apparatus For Induction Coupled Plasma Torch	Japan	Pending	0698764	1986/10/15	97920359.3	1986/10/15
4472	P0063AEP	Ion Detector, Detector Array And Instrument Using Same	Europe	Pending	0834725	1987/10/03	6.637249	1989/10/12
4472	P0063AJP	Ion Detector, Detector Array And Instrument Using Same	Japan	Pending	0834725	1987/10/03	97117174.9	1987/10/12
4479	P0064AEP	Analyzing Spectrometric Data	Europe	Pending	6.029.115	2000/01/22	27105097	1987/10/02
4479	P0064AJP	Analyzing Spectrometric Data	Japan	Granted	6.029.115	2000/01/22	081840.576	1987/09/30
4484	P0065AEP	Self Aligning Optical Fiber Terminator	Europe	Pending	09285.232	1989/04/02	40466097	1987/07/28
4484	P0065AJP	Self Aligning Optical Fiber Terminator	Japan	Pending	09285.232	1989/04/02	2.261.036	1987/07/28
4493	P0066AEP	Tunable External Cavity Diode Laser	Europe	Pending	0829717	1987/09/16	10509031	1987/09/16
4493	P0066AJP	Tunable External Cavity Diode Laser	Japan	Pending	0829717	1987/09/16	97115619.4	1987/09/16
4498	P0067AEP	Backscattering System For Gas Chromatography	Europe	Pending	0872732	1987/07/23	250877197	1987/09/16
4498	P0067AJP	Backscattering System For Gas Chromatography	Japan	Pending	0872732	1987/07/23	981066822.4	1986/04/15
4531	P0070AEP	Method And Apparatus To Compensate For Gas Chromatograph	Europe	Pending	5.240.764	1987/01/30	60122.892	1989/03/05
4531	P0070AJP	Method And Apparatus To Compensate For Gas Chromatograph	Japan	Pending	5.240.764	1987/01/30	087250.063	1989/02/12
4538	P0071AEP	Autosampler Having Gripper With Shape Memory Metal Actuator	Europe	Pending	0254326	1987/01/30	04-346133	1987/12/02
4538	P0071AJP	Autosampler Having Gripper With Shape Memory Metal Actuator	Japan	Pending	0254326	1987/01/30	87110775.1	1987/07/24
4590	P0073AEP	Absorbance Correction In Atomic Absorption Spectroscopy	Europe	Granted	1.361.134	1986/04/23	061065.762	1986/04/23
4590	P0073AJP	Absorbance Correction In Atomic Absorption Spectroscopy	Japan	Granted	1.361.134	1986/04/23	08252.697	1984/06/01
4345	P0045AEP	Apparatus And Method For Differential Analysis Using Signals	Europe	Granted	0428010	1986/01/02	90120859.5	1980/10/31
4345	P0045AJP	Apparatus And Method For Differential Analysis Using Signals	Japan	Granted	0428010	1986/01/02	087201.848	1984/02/25
4133	P0003AEP	Optical Switching Apparatus With Retroreflector	Europe	Granted	5.412.468	1985/05/02	08/024.515	1892/03/09
4133	P0003AJP	Optical Switching Apparatus With Retroreflector	Japan	Granted	5.412.468	1985/05/02	22320.840	1980/02/26
2495	P0089AJP	Automatic Temperature Calibration Of Thermal Analyzers	Japan	Pending				
4086	P0034AEP	Photometric Instrument With Optical Fibers For Analyzing	Europe	Granted	2.260.026	1986/01/21	94123257.6	1894/06/20
4086	P0034AJP	Photometric Instrument With Optical Fibers For Analyzing	Japan	Granted	2.260.026	1986/01/21	PTUS97/08/077	1987/04/11
4472	P0061AWO	Ion Detector, Detector Array And Instrument Using Same	PCT	Published				

4472	P0063A	Ion Detector, Detector Array And Instrument Using Same	United States	Pending			1991/80,167	1990/11/03
4493	P0066B	Tunable External Cavity Diode Laser	United States	Pending			091230,499	1990/01/26
2714	P0083AE	Solvent Delivery System	Europe	Granted	0085171	1988/04/13	02111737,3	1989/02/17
2714	P0083AF	Solvent Delivery System	France	Granted	0085171	1988/04/13	02111737,3	1989/02/17
2714	P0083AD	Solvent Delivery System	Germany	Granted	P327832,7	1988/04/13	02111737,3	1989/02/17
2714	P0083AM	Solvent Delivery System	Netherlands	Granted	0085171	1988/04/13	02111737,3	1989/02/17
2714	P0083AN	Solvent Delivery System	Italy	Granted	0085171	1988/04/13	02111737,3	1989/02/17
2714	P0083AP	Solvent Delivery System	Japan	Granted	1,764,707	1988/04/13	02111737,3	1989/02/17
2714	P0083AS	Solvent Delivery System	Sweden	Granted	0085171	1988/04/13	02111737,3	1989/02/17
2714	P0083AC	Solvent Delivery System	Switzerland	Granted	0085171	1988/04/13	02111737,3	1989/02/17
2714	P0083AG	Solvent Delivery System	Great Britain	Granted	0085171	1988/04/13	02111737,3	1989/02/17
2714	P0083AB	Solvent Delivery System	United States	Granted	4,550,387	1988/12/03	06/632,758	1994/07/20
2766	P0086AF	Spectrophotometer Gas Control System	France	Granted	0069204	1987/09/16		
2766	P0087AG	Fluid Flow Control Device	Great Britain	Granted	2,085,614	1984/08/30	0125893,1	1988/08/25
2651	P0088AD	Optical Beam Splitter	Germany	Granted	P3265483,6	1985/08/21	02100648,3	1987/01/29
2651	P0088AJ	Optical Beam Splitter	Japan	Granted	1,792,015	1983/10/14	34115/82	1982/03/02
2651	P0088AC	Optical Beam Splitter	Switzerland	Granted	0059836	1985/08/21	02100648,3	1987/01/29
2651	P0088AG	Optical Beam Splitter	Great Britain	Granted	0059836	1985/08/21	02100648,3	1987/01/29
2651	P0088AB	Optical Beam Splitter	United States	Granted	4,487,477	1984/12/11	06/470,427	1982/01/29
2651	P0088AA	Optical Beam Splitter	Germany	Granted	P3273842,0	1986/10/15	02106508,1	1987/07/17
2673	P0099AD	Apparatus Useful With A Chromatography Column	Germany	Granted	0075689	1986/10/15	02106508,1	1987/07/19
2673	P0099AC	Apparatus Useful With A Chromatography Column	Switzerland	Granted	0075689	1986/10/15	02106508,1	1987/07/19
2673	P0099AB	Apparatus Useful With A Chromatography Column	Great Britain	Granted	0075689	1986/10/15	02106508,1	1987/07/19
2712	P0100AD	Apparatus And Method Useful For Analyzing Retentive Substances	Germany	Granted	3205580	1993/05/13	3205580	1982/02/17
2712	P0100A	Apparatus And Method Useful For Analyzing Retentive Substances	Japan	Granted	1,676,561	1992/06/26	32182/82	1982,02/16
2712	P0100AJP	Apparatus And Method Useful For Analyzing Retentive Substances	United States	Granted	4,400,354	1983/08/23	06/269,781	1981/02/19
2760	P0101A	Apparatus Useful For Producing A Light Filter	United States	Granted	4,418,575	1983/12/06	06/269,781	1981/06/02
2676	P0102AE	Control Circuit For Liquid Chromatograph	Europe	Granted	0085172	1987/11/11	02111720,7	1987/12/17
2676	P0102AF	Control Circuit For Liquid Chromatograph	Switzerland	Granted	0085172	1987/11/11	02111720,7	1987/12/17
2676	P0102AD	Control Circuit For Liquid Chromatograph	France	Granted	0085172	1987/11/11	02111720,7	1987/12/17
2676	P0102AI	Control Circuit For Liquid Chromatograph	Germany	Granted	P3277644,9	1987/11/11	02111720,7	1987/12/17
2676	P0102AJ	Control Circuit For Liquid Chromatograph	Italy	Granted	0085172	1987/11/11	02111720,7	1987/12/17
2676	P0102AS	Control Circuit For Liquid Chromatograph	Japan	Granted	1,755,762	1993/04/23	10887/83	1983/01/27
2676	P0102AT	Control Circuit For Liquid Chromatograph	Sweden	Granted	0085172	1987/11/11	02111720,7	1987/12/17
2676	P0102AU	Control Circuit For Liquid Chromatograph	Switzerland	Granted	0085172	1987/11/11	02111720,7	1987/12/17
2676	P0102AV	Control Circuit For Liquid Chromatograph	Great Britain	Granted	0085172	1987/11/11	02111720,7	1987/12/17
2676	P0102AW	Control Circuit For Liquid Chromatograph	United States	Granted	4,450,574	1984/05/22	081343,905	1982/01/29
2688	P0103AF	Spectrophotometer	United States	Granted	0087566	1987/01/07	03100489,9	1983/01/29
2688	P0103AD	Spectrophotometer	France	Granted	P3358984,9	1987/01/07	03100489,9	1983/01/29
2688	P0103AE	Spectrophotometer	Germany	Granted	0087566	1987/01/07	03100489,9	1983/01/29
2688	P0103AF	Spectrophotometer	Great Britain	Granted	0087566	1987/01/07	03100489,9	1983/01/29
2688	P0103AG	Spectrophotometer	United States	Granted	4,464,051	1984/08/07	067354,254	1982/01/20
2688	P0103AH	Spectrophotometer	France	Granted	0129120	1984/08/17	04106228,4	1984/05/30
2688	P0103AI	Spectrophotometer	Germany	Granted	P3473506,7	1984/08/17	04106228,4	1984/05/30
2688	P0103AJ	Spectrophotometer	Switzerland	Granted	0129120	1984/08/17	04106228,4	1984/05/30
2688	P0103AK	Spectrophotometer	Great Britain	Granted	0129120	1984/08/17	04106228,4	1984/05/30
2688	P0103AL	Spectrophotometer	United States	Granted	4,532,799	1985/08/06	081506,232	1983/06/17
2688	P0103AM	Liquid Level Sensor	United States	Granted	4,417,189	1983/11/22	061344,247	1982/01/29
2688	P0103AN	Liquid Level Sensor	United States	Granted	3672537,0	1988/08/23	3572537	1989/08/23
2688	P0103AO	Liquid Level Sensor	Germany	Granted	1,928,035	1995/05/12	18814/85	1985/02/04
3007	P0108AJ	L.C. Sample Cell	Japan	Granted	0154792	1989/08/23	05100947,2	1985/11/30
3007	P0108AK	Sample Cell Temperature Stabilizer	Sweden	Granted	0154792	1989/08/23	05100947,2	1985/11/30
3007	P0108AL	Sample Cell Temperature Stabilizer	Switzerland	Granted	0154792	1989/08/23	05100947,2	1985/11/30
3007	P0108AM	L.C. Sample Cell	Great Britain	Granted	0154792	1989/08/23	05100947,2	1985/11/30
3048	P0189AA	Furnace Positioning Mechanism	United States	Granted	4,598,765	1988/07/08	065576,545	1984/02/03
3048	P0189AB	Furnace Positioning Mechanism	Australia	Granted	561,584	1987/05/14	16484/83	1983/08/28
3048	P0189AC	Thin Driven Soda Glass Coated To Protect From Contact	Germany	Granted	P3376594,5	1988/11/30	03107709,4	1983/08/04
3048	P0189AD	Thin Driven Soda Glass Coated To Protect From Contact	Italy	Granted	0101882	1988/11/30	03107709,4	1983/08/04
3061	P0189AE	Ship Catch Assembly	Great Britain	Granted	0101882	1988/11/30	03107709,4	1983/08/04
3061	P0189AF	Ship Catch Assembly	Europe	Granted	0133226	1990/03/30	04100028,6	1984/7/19

3061	P0110ABE	Sip Clutch Assembly	Belgium	Granted	0,134,226	1984/03/30	64108028.6	1984/7/9
3061	P0110AFR	Sip Clutch Assembly	France	Granted	0,133,226	1984/03/30	64108028.6	1984/7/9
3061	P0110ADE	Coupler Mechanism	Germany	Granted	3,470,189.0	1984/03/30	64108028.6	1984/7/9
3061	P0110ANL	Sip Clutch Assembly	Netherlands	Granted	0,133,226	1984/03/30	64108028.6	1984/7/9
3061	P0110AIT	Sip Clutch Assembly	Italy	Granted	0,133,226	1984/03/30	64108028.6	1984/7/9
3061	P0110ACH	Sip Clutch Assembly	Switzerland	Granted	0,133,226	1984/03/30	64108028.6	1984/7/9
3061	P0110A	Sip Clutch Assembly	United States	Granted	4,540,050	1985/12/24	68517,090	1985/07/25
3076	P0111AEP	Spectrophotometer	Europe	Granted	0,135,761	1991/08/05	64108506.0	1984/08/09
3076	P0111ABE	Spectrophotometer	Belgium	Granted	0,135,761	1991/08/05	64108506.0	1984/08/09
3076	P0111AFR	Spectrophotometer	France	Granted	0,135,761	1991/08/05	64108506.0	1984/08/09
3076	P0111ADE	Optical Design Of Fourier Transform Spectrophotometer	Germany	Granted	P.348,466.8	1991/08/05	64108506.0	1984/08/09
3076	P0111ANL	Spectrophotometer	Netherlands	Granted	0,135,761	1991/08/05	64108506.0	1984/08/09
3076	P0111AIT	Spectrophotometer	Italy	Granted	0,135,761	1991/08/05	64108506.0	1984/08/09
3076	P0111AJP	Optical Design Of Fourier Transform Spectrophotometer	Japan	Granted	1,800,723	1993/11/12	64109506.0	1984/08/09
3076	P0111ACH	Spectrophotometer	Switzerland	Granted	0,135,761	1991/08/05	64109506.0	1984/08/09
3076	P0111AGB	Spectrophotometer	Great Britain	Granted	0,135,761	1991/08/05	64109506.0	1984/08/09
3076	P0111A	Spectrophotometer	United States	Granted	4,740,082	1984/03/15	68461,789	1984/07/24
3109	P0111ZA	Liquid Pressurizing System	United States	Granted	4,448,684	1984/03/15	68461,789	1984/07/24
3111	P01114A	Pulse Damper	United States	Granted	4,618,935	1985/10/21	68158,765	1984/07/06
3111	P0114ADE	RTV Pulse Damper	Germany	Granted	4,548,713	1985/10/22	68158,765	1984/03/02
3111	P0114AJP	RTV Pulse Damper	Japan	Granted	3,565,429.5	1988/10/05	3565,429	1984/10/05
3111	P0114ASE	Pulse Damper	Sweden	Granted	0,156,132	1988/10/05	65101282.6	1985/02/06
3111	P0114ACH	Pulse Damper	Switzerland	Granted	0,156,132	1988/10/05	65101282.6	1985/02/06
3138	P0114AGB	Pulse Damper	Great Britain	Granted	0,156,132	1988/10/05	65101282.6	1985/02/06
3138	P0114A	Holder Assembly For Reaction Tubes	Australia	Allowed	706,769	1991/08/24	3289,185	1985/08/27
3138	P0117AAJ	KCP Bad Plasma Detector	Australia	Allowed	705,036	1991/08/24	3289,185	1985/08/27
3135	P0115AFR	Instantaneous Reading Multichannel Polychromatic Spectrophotometer	Europe	Granted	0,192,200	1996/03/06	66101901.6	1984/02/14
3135	P0115ADE	Instantaneous Reading Multichannel Polychromatic Spectrophotometer	France	Granted	0,192,200	1996/03/06	66101901.6	1984/02/14
3135	P0115ANL	Instantaneous Reading Multichannel Polychromatic Spectrophotometer	Netherlands	Granted	3,550,912	1996/03/06	36504,91	1996/03/06
3135	P0115AJP	Instantaneous Reading Multichannel Polychromatic Spectrophotometer	Japan	Granted	0,192,200	1996/03/06	66101901.6	1984/02/14
3135	P0115ACH	Instantaneous Reading Multichannel Polychromatic Spectrophotometer	Switzerland	Granted	2,602,809	1997/01/29	66101901.6	1984/02/14
3135	P0115AGB	Instantaneous Reading Multichannel Polychromatic Spectrophotometer	Great Britain	Granted	0,192,200	1996/03/06	66101901.6	1984/02/14
3138	P0115A	Holder Assembly For Reaction Tubes	United States	Granted	0,192,200	1996/03/06	66101901.6	1984/02/14
3138	P0116ADE	Holder Assembly For Reaction Tubes	Germany	Granted	3,407,065	1994/12/22	3407,065	1994/02/27
3138	P0116AJP	Holder Assembly For Reaction Tubes	Japan	Granted	1,919,140	1995/04/07	3546,804	1984/02/28
3138	P0116A	Holder Assembly For Reaction Tubes	United States	Granted	5,032,263	1991/07/16	68182,017	1984/02/26
3142	P0118AEP	An Apparatus And Method For Optimizing Separation Of An Unin	United States	Granted	4,640,827	1987/02/03	68182,017	1984/02/26
3142	P0118AFR	An Apparatus And Method For Optimizing Separation Of An Unin	Europe	Granted	0,175,925	1992/09/30	65110513.0	1985/08/21
3142	P0118ADE	An Apparatus And Method For Optimizing The Separation Of An	Germany	Granted	P.35,867.05.1	1992/09/30	65110513.0	1985/08/21
3142	P0118ANL	An Apparatus And Method For Optimizing Separation Of An Unin	Netherlands	Granted	0,175,925	1992/09/30	65110513.0	1985/08/21
3142	P0118AJP	An Apparatus And Method For Optimizing Separation Of An Unin	Japan	Granted	2,075,811	1992/09/30	65110513.0	1985/08/21
3142	P0118ACH	An Apparatus And Method For Optimizing Separation Of An Unin	Switzerland	Granted	0,175,925	1992/09/30	65110513.0	1985/08/21
3142	P0118AGB	An Apparatus And Method For Optimizing Separation Of An Unin	Great Britain	Granted	0,175,925	1992/09/30	65110513.0	1985/08/21
3142	P0118A	Apparatus and Method for Optimizing Separation of a Sample	United States	Granted	4,579,650	1988/04/01	68182,017	1984/08/24
3162	P0120A	Light Detector Apparatus	United States	Granted	5,073,345	1991/12/17	68182,017	1984/08/24
3163	P0121A	Sample Cell Temperature Stabilizer	United States	Granted	4,589,477	1988/03/20	68182,017	1984/08/24
3173	P0123AEP	Compensator Plate Adjustment For Beam Splitter	Europe	Granted	0,137,206	1991/10/23	64109507.8	1984/08/09
3173	P0123AFR	Compensator Plate Adjustment For Beam Splitter	France	Granted	0,137,206	1991/10/23	64109507.8	1984/08/09
3173	P0123ADE	Compensator Plate Adjustment For Beam Splitter	Germany	Granted	P.343,992.5	1991/10/23	64109507.8	1984/08/09
3173	P0123ANL	Compensator Plate Adjustment For Beam Splitter	Netherlands	Granted	0,137,206	1991/10/23	64109507.8	1984/08/09
3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Japan	Granted	0,137,206	1991/10/23	64109507.8	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	1987/10/123	04,109,507.8	1984/08/09	
3173	P0123AGB	Compensator Plate Adjustment For Beam Splitter	Great Britain	Granted	0,137,206	1987/10/123	04,109,507.8	1984/08/09	
3175	P0124ABE	Assembly For Adjusting An Optical Element	United States	Granted	4,735,505	1988/04/05	00,627,815	1983/06/30	
3175	P0124ADE	Purge Shutter Mechanism	Belgium	Granted	0,144,539	1988/06/09			
3175	P0124AANL	Purge Shutter Mechanism	Germany	Granted	347,931.3	1988/06/09			
3175	P0124AANL	Purge Shutter Mechanism	Netherlands	Granted	0,144,539	1988/06/09			
3175	P0124AJP	Purge Shutter Mechanism	Italy	Granted	0,144,539	1988/06/09			
3175	P0124ACH	Purge Shutter Mechanism	Japan	Granted	1,772,551	1989/07/14			
3176	P0125AEP	Digital Control For Rapid Read Of A Liquid Chromatograph	Switzerland	Granted	0,144,539	1988/06/09			
3176	P0125AEP	Digital Control For Rapid Read Of A Liquid Chromatograph	United States	Granted	0,144,539	1988/06/09			
3176	P0125AFR	Digital Control For Rapid Read Of A Liquid Chromatograph	France	Granted	4,603,635	1988/06/05	00,548,962	1983/11/06	
3176	P0125ADE	Digital Control For Rapid Read Of A Liquid Chromatograph P	Europe	Granted	0,194,450	1991/01/23	05,101,623	1988/02/07	
3176	P0125ANL	Digital Control For Rapid Read Of A Liquid Chromatograph	Germany	Granted	0,194,450	1991/01/23			
3176	P0125AJT	Digital Control For Rapid Read Of A Liquid Chromatograph	Netherlands	Granted	0,194,450	1991/01/23	36,770,229	1991/01/23	
3176	P0125AJP	Digital Control For Rapid Read Of A Liquid Chromatograph	Italy	Granted	0,194,450	1991/01/23			
3176	P0125ASE	Digital Control For Rapid Read Of A Liquid Chromatograph P	Japan	Granted	1,979,685	1991/01/23			
3176	P0125ACH	Digital Control For Rapid Read Of A Liquid Chromatograph P	Sweden	Granted	0,194,450	1991/01/23			
3176	P0125AAGB	Digital Control For Rapid Read Of A Liquid Chromatograph P	Great Britain	Granted	4,643,649	1991/01/23	06,700,765	1984/02/11	
3176	P0125AEP	Digital Control For Rapid Read Of A Liquid Chromatograph P	United States	Granted	0,156,173	1989/11/02	05,103,202	1984/03/19	
3196	P0126AEP	Interferometer Mirror Adjustment	Europe	Granted	0,156,173	1989/11/02			
3196	P0126AFR	Interferometer Mirror Adjustment	France	Granted	0,156,173	1989/11/02			
3196	P0126ADE	Interferometer Mirror Adjustment	Germany	Granted	2,357,405.0	1989/11/02	35,740,950	1983/11/02	
3196	P0126AJP	Interferometer Mirror Adjustment	Japan	Granted	1,976,664	1989/11/02			
3196	P0126AAGB	Interferometer Mirror Adjustment	Great Britain	Granted	4,621,898	1989/11/02	05,590,788	1984/01/09	
3196	P0126A	Assembly For Positioning An Optical Element	United States	Granted	0,156,173	1989/11/02	05,590,788	1984/01/09	
3213	P0128AEP	Micro Argon Detector	Europe	Granted	0,184,892	1992/08/19	05,305,196.9	1985/07/22	
3213	P0128AFR	Micro Argon Detector	France	Granted	0,184,892	1992/08/19	05,305,196.9	1985/07/22	
3213	P0128ADE	Micro Argon Detector	Germany	Granted	0,184,892	1992/08/19	05,305,196.9	1985/07/22	
3213	P0128AJP	Micro Argon Detector	Japan	Granted	1,898,498	1992/08/19	05,305,196.9	1985/07/22	
3213	P0128AAGB	Micro Argon Detector	Netherlands	Granted	0,184,892	1992/08/19	05,305,196.9	1985/07/22	
3213	P0128A	Micro Argon Detector	Switzerland	Granted	0,184,892	1992/08/19	05,305,196.9	1985/07/22	
3233	P0129AEP	Ionization Detectors For Gas Chromatography	Great Britain	Granted	4,740,895	1988/04/26	06,707,663	1983/10/15	
3233	P0129A	Ionization Detectors For Gas Chromatography	United States	Granted	4,609,810	1988/04/26	06,624,313	1984/04/26	
3254	P0130AEP	Apparatus For Controlling A Plasma	Europe	Granted	0,161,493	1982/05/20	04,104,441	1985/04/12	
3254	P0130AFR	Liquid Chromatographic Cartridge Column System	France	Granted	0,161,493	1982/05/20	04,104,441.2	1985/04/12	
3254	P0130ADE	Liquid Chromatographic Cartridge Column System	Germany	Granted	0,161,493	1982/05/20	04,104,441.2	1985/04/12	
3254	P0130AJP	Liquid Chromatographic Cartridge Column System	Japan	Granted	0,161,493	1982/05/20	04,104,441.2	1985/04/12	
3254	P0130AAGB	Liquid Chromatographic Cartridge Column System	Netherlands	Granted	0,161,493	1982/05/20	04,104,441.2	1985/04/12	
3254	P0130A	Liquid Chromatographic Cartridge Column System	Switzerland	Granted	2,574,045	1982/05/20	04,104,441.2	1985/04/12	
3255	P0130AEP	Liquid Chromatographic Cartridge Column System	Great Britain	Granted	0,161,493	1982/05/20	04,104,441.2	1985/04/12	
3255	P0130AFR	Liquid Chromatographic Cartridge Column System	France	Granted	0,161,493	1982/05/20	04,104,441.2	1985/04/12	
3255	P0130ADE	Liquid Chromatographic Cartridge Column System	Germany	Granted	0,161,493	1982/05/20	04,104,441.2	1985/04/12	
3255	P0130AJP	Liquid Chromatographic Cartridge Column System	Japan	Granted	0,161,493	1982/05/20	04,104,441.2	1985/04/12	
3255	P0130AAGB	Liquid Chromatographic Cartridge Column System	Netherlands	Granted	0,161,493	1982/05/20	04,104,441.2	1985/04/12	
3255	P0130A	Liquid Chromatographic Cartridge Column System	Switzerland	Granted	0,161,493	1982/05/20	04,104,441.2	1985/04/12	
3256	P0243AEP	Polymerizer For Multi-Element Analysis	United States	Granted	0,228,043	1986/05/06	06,660,787.8	1984/03/07	
3256	P0243A	Polymerizer For Multi-Element Analysis	Europe	Granted	0,135,496	1983/10/102	05,101,457	1985/02/11	
3256	P0243AFR	Polymerizer For Multi-Element Analysis	France	Granted	4,795,257	1983/10/102	07,024,227	1987/03/10	
3256	P0243ADE	Polymerizer For Multi-Element Analysis	Germany	Granted	0,155,496	1983/10/102	05,101,457	1985/02/11	
3256	P0243AJP	Polymerizer For Multi-Element Analysis	Japan	Granted	0,155,496	1983/10/102	05,101,457	1985/02/11	
3256	P0243AAGB	Polymerizer For Multi-Element Analysis	Netherlands	Granted	0,155,496	1983/10/102	05,101,457	1985/02/11	
3256	P0243A	Polymerizer For Multi-Element Analysis	Switzerland	Granted	0,155,496	1983/10/102	05,101,457	1985/02/11	
3258	P0131AEP	Dual Servo Impedance Matching System For Top Spectroscopy	United States	Granted	2,111,798	1992/04/28	6,189,093	1985/02/28	
3258	P0131AFR	Dual Servo Impedance Matching System For Top Spectroscopy	France	Granted	0,155,496	1983/10/102	05,101,457	1985/02/11	
3258	P0131ADE	Dual Servo Impedance Matching System For Top Spectroscopy	Germany	Granted	0,155,496	1983/10/102	05,101,457	1985/02/11	
3258	P0131AJP	Dual Servo Impedance Matching System For Top Spectroscopy	Japan	Granted	0,155,496	1983/10/102	05,101,457	1985/02/11	
3258	P0131AAGB	Dual Servo Impedance Matching System For Top Spectroscopy	Netherlands	Granted	0,155,496	1983/10/102	05,101,457	1985/02/11	
3258	P0131A	Dual Servo Impedance Matching System For Top Spectroscopy	Switzerland	Granted	0,155,496	1983/10/102	05,101,457	1985/02/11	
3258	P0245AEP	Plasma Emission Source	United States	Granted	4,629,940	1986/12/16	06,685,807	1984/03/02	
3258	P0245AFR	Plasma Emission Source	France	Granted	0,658,751	1984/08/05			
3258	P0245ADE	Plasma Emission Source	Germany	Granted	0,658,751	1984/08/05			
3258	P0245AJP	Plasma Emission Source	Japan	Granted	0,658,751	1984/08/05			
3258	P0245AAGB	Plasma Emission Source	Netherlands	Granted	0,658,751	1984/08/05			
3258	P0245A	Plasma Emission Source	Switzerland	Granted	0,658,751	1984/08/05			
4314	P0245AFR	Correction Of Spectra For Stray Radiation	United States	Granted	0,658,751	1984/08/05			
4314	P0245AFR	Correction Of Spectra For Stray Radiation	France	Granted	0,658,751	1984/08/05			

4314	P0245ADE	Correction Of Spectra For Stray Radiation	Germany	Granted	\$9412221.1	1989/04/05		1989/04/05
3258	P0132AEP	Multiple Streams Sampling System	Europe	Granted	0154198	1991/08/25		1994/12/16
4314	P0245AJP	Correction Of Spectra For Stray Radiation	Japan	Pending				
3258	P0132ADE	Multiple Streams Sampling System	Germany	Granted	33584175.3	1991/09/25		1994/12/16
4314	P0245ASE	Multiple Streams Sampling System	Sweden	Granted	0154198	1991/09/25		1994/12/16
3258	P0245AGB	Correction Of Spectra For Stray Radiation	Great Britain	Granted	90558751	1989/04/05		1994/12/16
4314	P0132AGH	Multiple Streams Sampling System	Switzerland	Granted	0154198	1991/09/25		1994/12/16
3258	P0245A	Correction Of Spectra For Stray Radiation	United States	Granted	5,428,558	1995/06/27	09/168,800	1997/12/17
3258	P0132A	Apparatus For Periodically Monitoring Composition of Samples	United States	Granted	4,676,639	1987/07/07	06/585,787	1984/03/02
3282	P0132A	Synthetic Wavelength Drive And Data Acquisition Conversion	United States	Granted	4,668,977	1987/04/28	06/704,344	1985/02/22
3286	P0132A	Safety Apparatus for an Atomic Absorption Spectro Burner	United States	Granted	4,597,034	1986/02/04	06/670,211	1984/11/13
3307	P0132A	Self Spraying Lampholder	United States	Granted	0184283	1986/06/24	06/670,215	1984/11/13
3307	P0132AEP	Programmed Temperature Control Of A Thermal System	Europe	Granted	0184283	1991/12/04	€5305195.1	1986/07/22
3307	P0132AFR	Programmed Temperature Control Of A Thermal System	France	Granted	0184283	1991/12/04	€5305195.1	1986/07/22
3307	P0132ADE	Programmed Temperature Control Of A Thermal System	Germany	Granted	93584024.3	1991/12/04	€5305195.1	1986/07/22
3307	P0132ANL	Programmed Temperature Control Of A Thermal System	Netherlands	Granted	0184283	1991/12/04	€5305195.1	1986/07/22
3307	P0132AJP	Programmed Temperature Control Of A Thermal System	Japan	Granted	2,033,583	1986/03/19	27,228,165	1985/12/03
3307	P0132AGH	Programmed Temperature Control Of A Thermal System	Switzerland	Granted	0184283	1991/12/04	€5305195.1	1986/07/22
3307	P0132AGB	Programmed Temperature Control Of A Thermal System	Great Britain	Granted	0184283	1991/12/04	€5305195.1	1986/07/22
3307	P0132A	Programmed Temperature Control Of A Thermal System	United States	Granted	4,752,216	1984/06/21	06/930,982	1986/11/13
3309	P0132A	Ionization Detectors for Gas Chromatography	United States	Granted	4,837,441	1989/06/08	06/922,586	1984/10/24
3309	P0132AGB	Ionization Detectors for Gas Chromatography	Great Britain	Granted	2,183,897	1980/07/11	€526765.6	1984/10/24
3312	P0140ADE	Linearized Ultra-Low Noise Mgt Presamp	Germany	Granted	3605488	1985/05/24	3605488	1986/02/20
3312	P0140AJP	Linearized Ultra-Low Noise Mgt Presamp	Japan	Granted	2,068,543	1986/07/10	3540946	1986/02/20
3312	P0140AGB	Detector Presamplifier	Great Britain	Granted	2,171,512	1989/01/25	9601998.9	1986/01/28
3312	P0140A	Fluid Flow Control System	United States	Granted	4,682,022	1987/07/21	06/704,355	1985/02/21
3318	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	Italy	Granted	92828145	1987/09/10	2428145	1978/06/27
2445	P0256AGB	Optical Beam Switching Apparatus	Great Britain	Granted	1115127	1986/02/03		
3321	P0143A	System for Changing Oxidants in a Spectrophotometer	United States	Granted	1539348	1978/05/20		1984/11/13
2515	P0257AJP	Phase Synchronization	Japan	Granted	4,571,172	1986/02/18	06/670,713	1984/11/13
2515	P0257AGB	Spectroscopic Phase Synchronization Apparatus	Great Britain	Granted	1,711,151	1992/11/11	962482	1982/01/26
2515	P0257A	Phase Synchronization Apparatus	United States	Granted	2,092,288	1984/04/22	€131707.6	1981/10/21
2646	P0258AJP	Method And Apparatus For Determining The Nature Of An Unknown	United States	Granted	4,386,852	1983/08/07	06/6229,683	1981/01/28
2646	P0258AGB	Apparatus And Method For Determining The Nature Of An Unknown	Japan	Granted	1,670,092	1992/06/12	1675341	1981/02/06
3331	P0101AAU	Apparatus Useful For Postponing A Light Filter	Great Britain	Granted	3,070,235	1984/02/01	€103088.4	1981/02/02
3331	P0144AFR	Solvent Presulfurizing & Degassing System	Australia	Granted	584,477	1985/12/12	€437182	1982/06/01
3331	P0144AJP	Solvent Presulfurizing & Degassing System	France	Granted	0179349	1989/05/24		
3331	P0144AGB	Solvent Presulfurizing & Degassing System	United States	Granted				
3331	P0144A	Solvent Presulfurizing System	Great Britain	Granted	4,541,452	1985/09/17	06/658,374	1984/10/10
60377E	P0280AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Europe	Pending	3,570,527.2	1989/05/24	3570527	1990/01/23
3385	P0145AEP	Ionization Detectors For Gas Chromatography	Germany	Granted	10179349	1989/05/24		1989/05/24
3385	P0145AFR	Solvent Presulfurizing & Degassing System	Netherlands	Granted	0179349	1989/05/24		
3385	P0145AGB	Solvent Presulfurizing & Degassing System	Switzerland	Granted	0179349	1989/05/24		
3385	P0145A	Solvent Presulfurizing & Degassing System	Great Britain	Granted	0179349	1989/05/24		
3385	P0145ANL	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,541,452	1985/09/17	06/658,374	1984/10/10
3436	P0280ACA	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Japan	Granted	3,053,832	2000/04/07	3854390	1990/01/16
3385	P0145AJP	Ionization Detectors For Gas Chromatography	Europe	Granted	0249714	1992/06/17	€7105713.9	1987/04/16
3385	P0145AFR	Ionization Detectors For Gas Chromatography	France	Granted	0249714	1992/06/17	€7105713.9	1987/04/16
3385	P0145AGB	Ionization Detectors For Gas Chromatography	Germany	Granted	93749818.9	1992/06/17	€7105713.9	1987/04/16
3385	P0145A	Ionization Detectors For Gas Chromatography	Netherlands	Granted	0249714	1992/06/17	€7105713.9	1987/04/16
3365	P0145A	Ionization Detectors For Gas Chromatography	Canada	Abandoned	2,007,782	2000/01/14	2007782	1980/01/15
3365	P0145AGB	Ionization Detectors For Gas Chromatography	Japan	Granted	2,574,289	1988/10/24		1987/04/16
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Sweden	Granted	0249714	1992/06/17	€7105713.9	1987/04/16
3365	P0145A	Ionization Detectors For Gas Chromatography	Great Britain	Granted	0249714	1992/06/17	€7105713.9	1987/04/16
4369	P0042AAU	Ionization Detectors For Gas Chromatography	United States	Granted	4,873,662	1989/10/17	07/004,810	1987/01/09
		Neulitzer	Australia	Granted	707,363	1999/07/08	2501195	1995/07/14

3369	P0146ASP	Automatic Optimization Procedure	Europe	Granted	0192201	1992/07/29			
3369	P0146AAU	Automatic Optimization Procedure	Australia	Granted	586,853	1989/07/27	53444/86	1986/02/20	
3369	P0146ACA	Automatic Optimization Procedure	Canada	Granted	1,271,342	1990/07/10	500,641	1985/01/31	
3369	P0146ADE	Automatic Optimization Procedure	Germany	Granted	3686175.8	1992/07/28			
3369	P0146AND	Automatic Optimization Procedure	Netherlands	Granted	0192201	1992/07/28			
3369	P0146AAT	Automatic Optimization Procedure	Italy	Granted	0192201	1992/07/29			
3369	P0146AGH	Automatic Optimization Procedure	Japan	Granted	1,911,192	1995/03/09	35409/86	1985/02/21	
3369	P0146A	Optimization Apparatus and Procedure	Switzerland	Granted	0192201	1992/07/29			
3318	P0199AAU	Atomic Absorption Spectrometer	United States	Granted	4,689,754	1987/08/25	087704,359	1985/02/21	
3318	P0199AAU	Atomic Absorption Spectrometer	Australia	Granted	502,261	1989/03/16	60955/86	1985/08/07	
3318	P0199AAU	Atomic Absorption Spectrometer	Japan	Granted	2,118,078	1986/12/06			
3318	P0199AAU	Atomic Absorption Spectrometer	United States	Granted	4,991,969	1991/02/12	067893,766	1986/08/06	
3318	P0199AAU	Atomic Absorption Spectrometer	United States	Granted	2,016,021	1985/02/19	191787/86	1985/08/16	
3318	P0199AAU	Atomic Absorption Spectrometer	United States	Granted	4,089,324	1987/06/02	06853,253	1985/04/17	
3318	P0199AAU	Atomic Absorption Spectrometer	United States	Granted	4,776,694	1988/10/11	069932,957	1985/11/19	
3317	P0200AUP	Burner Assembly for Atomic Absorption Spectrometer	United States	Granted	5,053,621	1991/11/01	071616,123	1990/11/19	
3317	P0200AUP	Burner Assembly for Atomic Absorption Spectrometer	United States	Granted	4,917,493	1990/04/17	07205,888	1988/06/13	
3317	P0200AUP	Burner Assembly for Atomic Absorption Spectrometer	United States	Granted	4,981,207	1990/11/02	07389,150	1990/04/02	
3317	P0200AUP	Burner Assembly for Atomic Absorption Spectrometer	United States	Granted	3,360,586	1990/11/01	07504,826	1990/04/05	
3317	P0200AUP	Burner Assembly for Atomic Absorption Spectrometer	United States	Granted	5,265,459	1992/03/24	07148,588	1991/10/14	
4041	P0175A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	5,088,198	1992/03/24	07148,588	1991/10/14	
3828	P0018A	Synchronization Of Digital Signals With Alternating Current	Australia	Granted	542,372	1985/02/21	76927/81	1981/10/20	
4014	P0023A	Single Element Thermal Conductivity Detector	Germany	Granted	3175932,7	1987/02/25	3175932	1987/02/25	
4014	P0023A	Single Element Thermal Conductivity Detector	Switzerland	Granted	0051192	1987/02/25			
4037	P0025A	Optical Coupling Device	United States	Granted	5,303,185	1994/04/12	07184,448	1992/02/12	
2695	P0261AAU	Optical Coupling Device	United States	Granted	5,329,985	1994/07/19	08190,596	1993/07/20	
2695	P0261AAU	Optical Coupling Device	United States	Granted	4,976,152	1990/12/11	07435,114	1988/11/23	
2695	P0261AAU	Optical Coupling Device	United States	Granted	5,464,157	1995/11/07	081276,144	1994/07/18	
2695	P0261AAU	Optical Coupling Device	United States	Granted	5,452,069	1995/08/19	08137,854	1993/10/15	
2695	P0261AAU	Optical Coupling Device	United States	Granted	4,976,152	1990/12/11	07435,114	1988/11/23	
2695	P0261AAU	Optical Coupling Device	United States	Granted	5,171,530	1992/12/15	07803,669	1991/12/03	
4045	P0024C	Vial Locator And Sensor	Europe	Granted	0241940	1993/01/27	87105712.1	1987/04/16	
3382	P006AAEP	Integral Separation Capillary/Conductivity Detector	France	Granted	0241940	1993/01/27	87105712.1	1987/04/16	
3382	P006AAFR	Integral Separation Capillary/Conductivity Detector	Germany	Granted	0241940	1993/01/27	87105712.1	1987/04/16	
3382	P006AADE	Integral Separation Capillary/Conductivity Detector	Netherlands	Granted	0241940	1993/01/27	87105712.1	1987/04/16	
3382	P006AANL	Integral Separation Capillary/Conductivity Detector	Italy	Granted	0241940	1993/01/27	87105712.1	1987/04/16	
3382	P006AAJT	Integral Separation Capillary/Conductivity Detector	Japan	Granted	2,735,548	1993/01/27	87105712.1	1987/04/16	
3382	P006AAJP	Integral Separation Capillary/Conductivity Detector	Switzerland	Granted	0241940	1993/01/27	87105712.1	1987/04/16	
3382	P006AASE	Integral Separation Capillary/Conductivity Detector	United States	Granted	0241940	1993/01/27	87105712.1	1987/04/16	
3382	P006AAGB	Integral Separation Capillary/Conductivity Detector	Great Britain	Granted	0241940	1993/01/27	87105712.1	1987/04/16	
3382	P006AA	Method Of Fabricating Capillary Electro Separation Channels	United States	Granted	4,816,123	1989/03/28	07105712.1	1987/04/16	
3401	P0268AA	Grasping Finger Position Sensor For A Robot System	United States	Granted	4,682,805	1987/07/28	067830,163	1986/02/16	
3433	P0267A	Power Circuit For Spectral Analysis Gaseous Discharge Lamp	United States	Granted	4,176,342	1987/12/29	067804,944	1985/02/05	
3435	P0265AA	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,728,678	1988/02/23	067835,145	1986/03/03	
3436	P0265AA	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,684,811	1987/02/04	067835,145	1986/03/03	
3471	P0270A	System For Calibrating A Monochromator	United States	Granted	4,779,216	1988/10/16	067837,434	1986/03/07	
3480	P0271A	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,876,005	1989/10/24	072261,374	1988/12/08	
3480	P0271AEP	High Pressure Column Assembly For A Liquid Chromatograph	Europe	Granted	0128146	1989/08/20	89102368.1	1989/02/10	
3480	P0271AOE	High Pressure Column Assembly For A Liquid Chromatograph	Germany	Granted	P88924284.0	1995/09/20	89102368.1	1989/02/10	
3480	P0271AOB	High Pressure Column Assembly For A Liquid Chromatograph	Great Britain	Granted	0328146	1995/09/20	89102368.1	1989/02/10	
3514	P0272A	Programmable Lamp Plug	United States	Granted	4,670,813	1987/06/02	068002,924	1985/11/28	
	P0273A	Phase Angle Measurement	United States						
	P0273AEP	Phase Angle Measurement	Europe						
	P0273AFR	Phase Angle Measurement	France						
	P0273AOE	Phase Angle Measurement	Germany						
	P0273AAT	Phase Angle Measurement	Italy						

3514	P0272ADE	Phase Angle Measurement	Japan	Granted	3662749	1991/12/04
3746	P0320ADE	Phase Angle Measurement	Switzerland	Granted	3175277	1985/09/03
3772	P0301ADE	Phase Angle Measurement	Germany	Granted	164810188.0	1993/10/27
3836	P0280AA	Phase Synchronization	United States	Granted	4,984,676	1991/02/19
3936	P0280AA	Regulated Deuterium Arc Supply System	United States	Granted	4,742,276	1988/05/03
2956	P0276ADE	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	141,545	1982/01/29
2226	P0065AJP	Variable Gain Amplifier	Germany	Granted	3,907,697	1986/08/29
2695	P0261AEP	Apparatus For Reducing Current Leakage From A Resistor	Japan	Granted	1,569,343	1986/07/10
2282	P0271AEP	Optical Coupling Device	Europe	Granted	0051152	1987/02/25
2831	P0098AEP	Fiber-optic System With Synchronous Clock For Generation Of TI	Europe	Granted	0056735	1987/09/09
2873	P0098AEP	Optical Beam Splitter	Europe	Granted	0059836	1985/04/21
2989	P0103AEP	Apparatus Used With A Chromatography Column	Europe	Granted	0075689	1986/10/15
2990	P0104AEP	Spectrophotometer	Europe	Granted	0087568	1987/01/07
3111	P0106AEP	Liquid Level Sensor	Europe	Granted	0129120	1988/04/17
3331	P0114AEP	Sample Cell Temperature Stabilizer	Europe	Granted	0154792	1989/04/23
2730	P0144AEP	Pulse Damper	Europe	Granted	0156132	1988/10/05
4006	P0034AA	Solvent Pressurizing & Degassing System	Europe	Granted	0170349	1989/05/24
4317	P0041AAU	Multi-port Valve In Gas Collection System And Method	United States	Granted	0185926	1992/09/20
4432	P0051B	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	5,424,686	1985/06/27
4433	P0051B	Thermal Insulating Container For Liquidified Gas	Australia	Granted	692,773	1990/05/01
4434	P0052A	Hybrid Varying System For Varying Fluid Flow Rate	United States	Granted	5,665,681	1997/04/12
4471	P0062A	Connecting Apparatus For Conveyance Of Cryogenic Fluid	United States	Granted	5,762,381	1998/06/08
3828	P0285AEP	Fluid Conveying Device With Removable Connection	United States	Granted	5,716,082	1998/02/10
3703	P0285AEP	Mounting Apparatus For Induction Coupled Plasma Torch	United States	Granted	5,925,266	1998/07/20
3638	P0287AEP	Analysis Of Organic Material	Germany	Granted	4,133,021	1991/10/23
3637	P0287AEP	Thermal Conductivity Detector	Europe	Granted	0280335	1995/07/26
3634	P0286AEP	Inductively Coupled Plasma Torch With Sample Inlet	Europe	Granted	0281986	1994/10/20
0645	P0292ADE	Power System For Inductively Coupled Plasma Torch	Europe	Granted	0281157	1994/06/28
3527	P0297AEP	Chromatography Column	Europe	Granted	0287822	1993/03/10
3809	P0300AEP	Computer Operated Spectrometric Instrument	Germany	Granted	283681	1990/10/17
3772	P0302AEP	Low Frequency Signal Processing Circuitry	France	Granted	7126944	1972/03/06
4088	P0306AEP	Monochromator Drift Compensation	Germany	Granted	39540755	1986/04/22
4511	P0069B	Standardization Of Spectral Lines	Europe	Published	0334309	1985/07/55
4592	P0074B	Method And Apparatus For Comparing Spectra	Europe	Granted	0344783	1984/07/20
4063	P0079AJP	Apparatus For Differential Analysis Of Sample Diatomic Pro	United States	Granted	0344783	1984/03/02
4498	P00678	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Granted	0344782	1984/03/02
3915	P0317AJP	Monitoring Constituents Of An Animal Organ Using Statistical	Japan	Granted	5,933,357	1993/08/03
4113	P0319AJP	Method Of Manufacturing Glass Beads	United States	Granted	01-508576	1989/07/27
2730	P0279ADE	Backscattering System For Gas Chromatography	Japan	Pending	01-508455	1989/07/27
3684	P028ADE	Multi-port Valve In Gas Collection System And Method	Japan	Pending	05-263036	1993/09/28
3772	P0301ADE	Chromatography Column	Germany	Granted	12366715.9	1992/09/20
2746	P0320ADE	Standardization Of Spectral Lines	Germany	Granted	193288970.1	1993/03/10
3514	P0272ADE	Phase Angle Measurement	Germany	Granted	164810188.0	1993/10/27

3628	P0286ADE	Inductively Coupled Plasma Torch With Sample Injector	Germany	Granted	P388962.4	1994/01/12	88103413.6	1988/03/04
3703	P0285ADE	Thermal Conductivity Detector	Germany	Granted	P388754.1	1994/02/02	88103409.4	1988/03/04
3809	P0300AAU	Monochromator Drift Compensation	Germany	Granted	P6013358.6	1994/03/02	98109946.3	1988/06/01
3827	P0287ADE	Power System For Inductively Coupled Plasma Torch	Germany	Granted	P3850422.7	1994/06/29	88103403.7	1988/03/04
3336	P0289ADE	Low Frequency Signal Processing Circuitry	Germany	Granted	P68916824.1	1994/07/20	99105084.3	1988/03/21
4088	P0307ADE	Detector Cell For Spectrofluorimeter Used In Liquid Chromatography	Germany	Granted	P68923389	1995/07/12	98105263.1	1988/03/21
4073	P0308ADE	Method And Apparatus For Comparing Spectra	Germany	Granted	P69218536.4	1997/03/28	92119813.2	1992/10/02
3628	P0284ADE	Apparatus For Differential Analysis Of Sample Dielectric Properties	Germany	Granted	P69320217	1998/09/17	98930202.1	1993/02/11
4637	P0327A	Zero Dilution Split Injector Unit For Gas Chromatography	United States	Pending	P8454208.9	1995/07/26	88102040.9	1988/02/28
4605	P0328A	Monitoring Components Of An Animal Organ Using Statistical Hybrid Film Type Sensor	United States	Pending			60154.209	1988/09/16
4607	P0329A	Hybrid Film Type Sensor	United States	Pending			08444.875	1988/11/18
4501	P0330A	Enclosure For Analytical Instrumentation	United States	Pending			08444.334	1989/11/18
3809	P0300AAU	Detection Of Low Level Analyses In Samples Using Agglutination	United States	Granted	D412.991	1999/08/17	281064.998	1997/01/16
3809	P0300AAU	Monochromator Drift Compensation	United States	Granted	5.942.442	1999/08/24	080831.206	1997/04/02
3809	P0300A	Monochromator Drift Compensation	Australia	Granted	612.847	1991/07/18	35874/68	1989/06/01
3809	P0300A	Monochromator Drift Compensation	United States	Granted	4,916,645	1990/04/10	077201.250	1989/06/01
3828	P0018ADE	Circuit For Synchronizing Digital Signal With Alternating C	Germany	Granted	1,321,486	1993/08/24	801,458	1989/06/01
3828	P0018ADE	Circuit For Synchronizing Digital Signal With Alternating Cur	Germany	Granted	4,024,459	1991/02/07	P4024459.8	1990/08/01
4015	P0024ADE	Val Locator And Sensor	Germany	Granted	2,235,837	1993/06/16	8016503.6	1990/07/27
4015	P0024ADE	Val Locator And Sensor	Germany	Granted	P69108708.9	1995/05/17	91102281.2	1991/02/18
4015	P0024AAU	Val Locator And Sensor	Australia	Granted	0444498	1995/06/17	91102281.2	1991/02/18
4070	P0031ADE	Single Element Thermal Conductivity Detector	Europe	Granted	640.453	1993/08/26	71833/81	1991/02/27
4073	P0308A	Apparatus For Differential Analysis Of Sample Dielectric Properties	Germany	Granted	0329295	1998/09/02	92112375.8	1992/07/20
2730	P0278AGB	Detector Cell For Liquid Chromatography	United States	Granted	68226833.2	1998/09/02	8212375.8	1992/07/20
3536	P0288AGB	3 Point Bending Measuring System	Great Britain	Granted	5,309,310	1994/06/03	07046.994	1992/03/04
3984	P0021AGB	Val Locator And Sensor	Great Britain	Granted	0185826	1992/09/30	85114718.1	1992/01/19
4015	P0024AGB	Standarizing And Calibrating A Spectrometric Instrument	Great Britain	Granted	0733288	1995/07/12	89103263.1	1989/04/22
4046	P0027AGB	Photodetector Amplifier Linearity	Great Britain	Granted	0428010	1994/06/01	90120859.5	1990/10/31
4046	P0028AGB	Method Of Manufacturing Glass Bands	Great Britain	Granted	0444408	1995/05/17	91102281.2	1991/02/18
4073	P0308AGB	Apparatus For Differential Analysis Of Sample Dielectric Properties	Great Britain	Granted	0560005	1997/12/10	83100106.9	1993/01/07
4076	P0033AGB	Absorbance Correction In Atomic Absorption Spectroscopy	Great Britain	Granted	0552604	1997/04/09	93101032.8	1993/01/07
4081	P0038AGB	Method For Heating A Thermionic Detector Source	Great Britain	Granted	0558972	1998/04/12	9223989.3	1992/11/11
2856	P0276AGB	Variable Gain Amplifier	Great Britain	Granted	2,261,180	1995/04/28	93102168.7	1993/02/11
4055	P0031AGB	Double Beam Detector System For Liquid Chromatography	Germany	Granted	2,261,534	1995/04/02	9223548.0	1992/11/10
4085	P0034ADE	Photometric Instrument With Optical Fibers For Analyzing	Great Britain	Granted	2,116,763	1995/12/06	8223398.5	1993/02/10
	P0033A	Method For Processing A Sample	Germany	Pending	0528541	1996/04/17	92114331.8	1992/04/21
	P0033ANL	Method For Processing A Sample	United States	Pending			P4424861.5	1994/07/14
	P0033AWD	Method For Processing A Sample	The Netherlands	Pending			08101.819	1988/10/20
4462	P0326ACA	Detection Of Low Level Hydrophobic Analyses In Samples	PCT	Pending			1002110	1996/01/17
4462	P0326AEP	Detection Of Low Level Hydrophobic Analyses In Samples	Canada	Published	PCT/NL/97/00005		1987/01/07	1996/01/07
4462	P0326AEP	Detection Of Low Level Hydrophobic Analyses In Samples	Europe	Published	2,235,282		2,235,282	1990/04/02
4462	P0326AIP	Detection Of Low Level Hydrophobic Analyses In Samples	Europe	Published	10-542004		98514410.7	1998/10/04
4501	P0330ACA	Detection Of Low Level Analyses In Samples Using Agglutination	Australia	Published	68796/98		68796/98	1998/04/02
4501	P0330AEP	Detection Of Low Level Analyses In Samples Using Agglutination	Canada	Pending	2,265,219		2,265,219	1998/04/02
4501	P0330AAU	Detection Of Low Level Analyses In Samples Using Agglutination	Europe	Published	98814433.7		98814433.7	1998/10/04
4501	P0330AIP	Detection Of Low Level Analyses In Samples Using Agglutination	Australia	Pending	68793/98		68793/98	1998/04/02
4501	P0330AEP	Detection Of Low Level Analyses In Samples Using Agglutination	Japan	Pending	10-541999		10-541999	1998/10/04
4462	P0326A	Method For Processing A Sample	Europe	Pending	97800480.1		97800480.1	1998/10/04
3729	P0335A	Detector For A Spectrofluorimeter	United States	Granted	5,891,740	1999/04/06	08432.186	1997/04/02
4086	P0034BGB	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	4,820,046	1998/04/11	07123.025	1997/11/19
4589	P0296A	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			084300.608	1999/04/27
5002	P0338A	Method And Apparatus For Impurity Detection	United States	Pending			091503.092	2000/07/11
							091561.600	2000/04/27

4028	P0307AJP	Method And Apparatus For Comparing Spectra	Japan	Granted	5-209128	1993/08/20	4-287034	1992/10/02
4501	P0303B	Detection Of Low Level Analytes In Samples Using Agglutinat	United States	Pending			09/286,513	1999/03/12
4649	P0303A	Spectroscopic Determination Of The Dissociation Constants	United States	To File				
3108	P0282AAU	Electrochemical Amperometric Determination Of Protein-Ligand Interaction	United States	To File				
4010	P03041A	Optical Switching Device	Australia	Granted	598,940	1990/07/05	1817598	1990/08/20
4083	P0022A	Method Of Manufacturing Glass Beads	United States	Granted	5,055,985	1991/10/15	07/603,592	1990/10/25
4086	P0024B	Photometric Instrument With Optical Filters For Analyzing	United States	Granted	5,199,009	1993/03/20	07/786,497	1991/11/22
3527	P0287A	Phase Angle Measurement	United States	Granted	5,526,951	1990/06/11	08/324,650	1990/10/18
3527	P0287AFR	Phase Angle Measurement	France	Granted	0334303	1994/07/20	81105064.3	1990/03/21
3527	P0287AJP	Phase Angle Measurement	Japan	Granted	0334303	1988/03/21	81105064.3	1989/03/21
3527	P0287ACH	Phase Angle Measurement	Switzerland	Granted	1,316,631	1988/12/21	73716/89	1989/03/21
3602	P0016B	Phase Angle Measurement	Great Britain	Granted	0334303	1994/07/20	81105064.3	1989/03/21
3802	P0016AEP	Line Frequency Staved Voltage-To-Frequency Converter System	United States	Granted	4,888,573	1988/09/19	07/119,384	1987/11/12
3602	P0016AFR	Line Frequency Staved Voltage-To-Frequency Converter System	Europe	Granted	0286682	1993/07/14	8715917.4	1987/10/29
3602	P0016ADE	Line Frequency Staved Voltage-To-Frequency Converter System	France	Granted	0286682	1993/07/14	8715917.4	1987/10/29
3602	P0016ANE	Line Frequency Staved Voltage-To-Frequency Converter System	Germany	Granted	P/3186322.6	1993/07/14	8715917.4	1987/10/29
3602	P0016ACH	Line Frequency Staved Voltage-To-Frequency Converter System	Netherlands	Granted	0286682	1993/07/14	8715917.4	1987/10/29
3628	P0284A	Analysis Of Organic Material	Switzerland	Granted	0286682	1993/07/14	8715917.4	1987/10/29
3628	P0284B	Analysis Of Organic Material	Great Britain	Granted	4,755,614	1989/01/03	07/019,905	1987/10/29
3628	P0284C	Analysis Of Organic Material	United States	Granted	5,044,660	1991/09/03	07/178,713	1988/04/07
3628	P0284AIT	Analysis Of Organic Material	United States	Granted	5,013,628	1991/05/07	07/218,721	1988/07/13
3703	P0284AJP	Analysis Of Organic Material	Japan	Granted	0280335	1995/07/26	88102940.0	1988/02/26
3628	P0284BJP	Analysis Of Organic Material	Japan	Granted	2,683,011	1997/02/08	88102940.0	1988/02/26
3628	P0284CJP	Analysis Of Organic Material	Japan	Granted	2,730,624	1987/12/19	56199/7	1997/01/16
3837	P0284A	Analysis Of Organic Material	Japan	Pending				
3837	P0284B	Analysis Of Organic Material	Great Britain	Granted	0280335	1995/07/26	88102940.0	1988/02/26
3837	P0284FR	Power System For Inductively Coupled Plasma Torch	United States	Granted	4,818,916	1987/03/06	07/022,838	1987/03/06
3837	P0284AJP	Power System For Inductively Coupled Plasma Torch	Japan	Granted	9221157	1994/08/29	88103407.7	1988/03/07
3837	P0284G	Power System For Inductively Coupled Plasma Torch	Great Britain	Granted	2,708,447	1997/10/17	51794/88	1988/03/07
3837	P0284AFR	Power System For Inductively Coupled Plasma Torch	France	Granted	0281157	1994/08/29	88103407.7	1988/03/07
3838	P0288A	Inductively Coupled Plasma Torch With Sample Injector	United States	Granted	4,766,287	1988/02/23	07/022,910	1987/03/04
3838	P0288AFR	Inductively Coupled Plasma Torch With Sample Injector	France	Granted	0281158	1994/07/12	88103413.6	1988/03/04
3838	P0288AJP	Inductively Coupled Plasma Torch With Sample Injector	Japan	Granted	2,756,165	1998/03/13	51795/88	1988/03/07
3838	P0288AAGB	Inductively Coupled Plasma Torch With Sample Injector	Great Britain	Granted	0281158	1994/07/12	88103413.6	1988/03/04
3864	P0288A	Chromatography Column	United States	Granted	4,872,979	1989/10/10	07/041,654	1988/04/22
3864	P0288AAU	Chromatography Column	Australia	Granted	690,926	1988/04/22	15092/88	1988/04/22
3864	P0288AFR	Chromatography Column	France	Granted	0281922	1993/03/10	88105748.3	1988/04/11
3864	P0288AJP	Chromatography Column	Japan	Granted	0281922	1993/03/10	88105748.3	1988/04/11
3864	P0288AAGB	Chromatography Column	Great Britain	Granted	2,644,268	1997/05/02	86977/88	1988/04/21
3664	P0288A	Method Of Assembling A Chromatography Column	United States	Granted	0281922	1993/03/10	88105748.3	1988/04/11
3703	P0285A	Thermal Conductivity Detector	United States	Granted	4,995,163	1991/02/26	07/289,676	1989/03/05
3703	P0285AIT	Thermal Conductivity Detector	Japan	Granted	0281986	1994/02/02	88103409.4	1988/03/04
3628	P0285AJP	Thermal Conductivity Detector	Japan	Granted	2,693,012	1997/08/08	49955/88	1988/03/04
3703	P0285AAGB	Thermal Conductivity Detector	Great Britain	Granted	0281986	1994/02/02	88103409.4	1988/03/04
3729	P0335AAU	Detector For A Spectrometer	Europe	Granted	0116802	1994/04/06	8811882/8	1988/11/11
3729	P0335ACA	Detector For A Spectrometer	Australia	Granted	625,233	1992/10/26	25888/88	1988/11/18
3729	P0335AFCR	Detector For A Spectrometer	Canada	Granted	1,321,898	1993/09/07	591,269	1988/10/26
3729	P0335AFR	Detector For A Spectrometer	France	Granted	0116802	1994/04/06	8811882/8	1988/11/11
3729	P0335AIDE	Detector For A Spectrometer	Germany	Granted	P/3186925.0	1994/04/06	8811882/8	1988/11/11
3729	P0335AJP	Detector For A Spectrometer	Japan	Granted	0116802	1994/04/06	8811882/8	1988/11/11
3729	P0335AAGB	Detector For A Spectrometer	Great Britain	Granted	2,760,818	1998/03/20	29033/88	1988/11/18

3728	P0333ANL	Detector For A Spectrometer	Netherlands	Granted	0316802	1994/04/05	6811822.8	1998/11/11
3772	P0301AV	Standardization Of Spectral Lines	United States	Granted	4,893,259	1990/01/09	67201,510	1998/05/02
3772	P0301AAU	Standardization Of Spectral Lines	Australia	Granted	616,324	1991/10/31	35873189	1998/06/01
3772	P0301ACA	Standardization Of Spectral Lines	Canada	Granted	1,325,628	1993/12/23	199805,21	1998/05/21
3772	P0301AFR	Standardization Of Spectral Lines	France	Granted	0344782	1993/10/27	99109947,5	1998/06/01
3772	P0301AIT	Standardization Of Spectral Lines	Italy	Granted	0344782	1993/10/27	199810947,5	1998/06/01
3772	P0301AJP	Standardization Of Spectral Lines	Japan	Granted	02,51,031	1993/10/27	1,38936588	1998/06/02
3772	P0301AGB	Standardization Of Spectral Lines	Great Britain	Granted	0344782	1993/10/27	89109947,5	1998/06/01
3808	P0282AEP	Electrothermal Atomization Furnace For Spectroscopy	Europe	Granted	0295587	1994/03/16	88109948,3	1998/06/16
3808	P0282ADE	Electrothermal Atomization Furnace For Spectroscopy	Germany	Granted	P388840,1	1994/03/16	881099502,2	1998/06/16
3808	P0282ANL	Electrothermal Atomization Furnace For Spectroscopy	Netherlands	Granted	0295887	1994/03/16	881099502,2	1998/06/16
3808	P0282AJP	Electrothermal Atomization Furnace For Spectroscopy	Japan	Pending			1,503983048	1998/08/20
3808	P0282AGB	Electrothermal Atomization Furnace For Spectroscopy	Great Britain	Granted	0295887	1994/03/16	881099502,2	1998/06/16
3809	P0300AER	Monochromator Dirt Compensation	France	Granted	0344783	1994/03/02	88109948,3	1998/06/01
3809	P0300AIT	Monochromator Dirt Compensation	Italy	Granted	0344783	1994/03/02	88109948,3	1998/06/01
3808	P0300AAGB	Monochromator Dirt Compensation	Great Britain	Granted	0344783	1994/03/02	88109948,3	1998/06/01
3809	P0300AJP	Monochromator Dirt Compensation	Japan	Pending			1,39388088	1998/08/02
4014	P0023AAGB	Plunger Forming Mechanism For Use In Chromatography	Great Britain	Granted	2,243,411	1993/10/25	9107028,9	1991/04/04
4015	P0023AER	Valve Locater And Sensor	France	Granted	10444498	1995/05/17	91102281,2	1991/02/18
4015	P0023AANL	Valve Locater And Sensor	Netherlands	Granted	10444498	1995/05/17	91102281,2	1991/02/18
4015	P0023AJP	Valve Locater And Sensor	Italy	Granted	0444498	1995/05/17	91102281,2	1991/02/18
4015	P0023AGB	Valve Locater And Sensor	Switzerland	Granted	0444498	1995/05/17	91102281,2	1991/02/18
4015	P0023AER	Valve Locater And Sensor	Germany	Granted	5,173,742	1992/12/22	07751,415	1991/08/28
4015	P0023AANL	Valve Locater And Sensor	United States	Granted	0528541	1996/04/17	92114331,8	1992/06/21
4015	P0023AJP	Valve Locater And Sensor	Italy	Granted	0528541	1996/04/17	92114331,8	1992/06/21
4015	P0023AGB	Valve Locater And Sensor	Netherlands	Granted	0528541	1996/04/17	92114331,8	1992/06/21
4015	P0023AER	Valve Locater And Sensor	Switzerland	Granted	0539541	1996/04/17	92114331,8	1992/06/21
4056	P0030ADE	Inductively Coupled Plasma Generator	Germany	Granted	P68301852,2	1996/04/27	93106923,1	1993/04/28
4056	P0030AER	Inductively Coupled Plasma Generator	Europe	Granted	0568920	1996/04/27	93106923,1	1993/04/28
4056	P0030AANL	Inductively Coupled Plasma Generator	France	Granted	0568920	1996/04/27	93106923,1	1993/04/28
4056	P0030AJP	Inductively Coupled Plasma Generator	Italy	Granted	0568920	1996/04/27	93106923,1	1993/04/28
4056	P0030AGB	Inductively Coupled Plasma Generator	Great Britain	Granted	0568920	1996/04/27	93106923,1	1993/04/28
4056	P0030AER	Method And Apparatus For Comparing Spectra	United States	Granted	5,308,982	1994/05/03	070958,518	1992/10/05
4056	P0030AANL	Method And Apparatus For Comparing Spectra	France	Granted	0535700	1997/04/26	92116913,2	1992/10/02
4056	P0030AJP	Method And Apparatus For Comparing Spectra	Netherlands	Granted	0535700	1997/04/26	92116913,2	1992/10/02
4056	P0030AGB	Method And Apparatus For Comparing Spectra	Switzerland	Granted	0535700	1997/04/26	92116913,2	1992/10/02
4056	P0307AGB	Method And Apparatus For Comparing Spectra	Great Britain	Granted	0535700	1997/04/26	92116913,2	1992/10/02
4056	P0307AER	Method And Apparatus For Comparing Spectra	United States	Granted	0535700	1997/04/26	92116913,2	1992/10/02
4056	P0307AANL	Method And Apparatus For Comparing Spectra	Netherlands	Granted	0535700	1997/04/26	92116913,2	1992/10/02
4056	P0307AJP	Method And Apparatus For Comparing Spectra	Switzerland	Granted	0535700	1997/04/26	92116913,2	1992/10/02
4056	P0307AGB	Method And Apparatus For Comparing Spectra	Great Britain	Granted	0535700	1997/04/26	92116913,2	1992/10/02
4056	P0000BA	Electrothermal Atomization Of Samples	United States	Granted	4,898,443	1990/06/20	07204,935	1994/06/16
4056	P0000BAJ	Electrothermal Atomization Of Samples	Great Britain	Granted	0298480	1992/11/18	88109951,4	1994/06/16
4056	P0000BAE	Electrothermal Atomization Of Samples	Australia	Granted	602,098	1991/02/12	18174788	1994/06/16
4056	P0000BAF	Electrothermal Atomization Of Samples	Europe	Granted	0298480	1992/11/18	88109951,4	1994/06/16
4056	P0000BAI	Electrothermal Atomization Of Samples	Germany	Granted	P3378018,5	1992/11/18	88109951,4	1994/06/16
4056	P0000BAJ	Electrothermal Atomization Of Samples	Netherlands	Granted	0298480	1992/11/18	88109951,4	1994/06/16
4056	P0000BAK	Electrothermal Atomization Of Samples	Japan	Granted	2,633,628	1997/04/25	150392788	1994/06/20
4056	P0000BAL	Detector Cell For Liquid Chromatography	United States	Granted	4,886,356	1999/12/12	071176,524	1996/04/23
4056	P0000BAM	Detector Cell For Liquid Chromatography	France	Granted	0335288	1995/07/12	89105263,1	1996/04/23
4056	P0000BAN	Detector Cell For Liquid Chromatography	Italy	Granted	0335288	1995/07/12	89105263,1	1996/04/23
4056	P0000BAO	Detector Cell For Liquid Chromatography	Netherlands	Granted	0335288	1995/07/12	89105263,1	1996/04/23
4056	P0000BAP	Detector Cell For Liquid Chromatography	United States	Granted	4,995,626	1991/01/15	07462,245	1990/01/09
4070	P0041AGB	Absorbance Correction In Atomic Absorption Spectroscopy	United States	Granted	5,228,838	1994/05/24	078821,990	1991/12/03
4317	P0041AER	Hybrid Varying System For Varying Fluid Flow Rate	Great Britain	Granted	0528795	1994/05/24	9211275,8	1992/07/20
4317	P0041AANL	Hybrid Varying System For Varying Fluid Flow Rate	Germany	Published			94109991,5	1994/06/27
4317	P0041AJP	Hybrid Varying System For Varying Fluid Flow Rate	France	Published			94109991,5	1994/06/27
4317	P0041AGB	Hybrid Varying System For Varying Fluid Flow Rate	Great Britain	Published			94109991,5	1994/06/27

2766	P00897A	Fluid Flow Control Device	United States	Granted	4,354,932	1982/10/19	06/19/7,302	1980/10/15
4458	P00899A	Heater Control Circuit	United States	Granted	5,672,289	1997/08/20	08/59,410	1986/07/11
4443	P00866A	Apparatus For Controlling Level Of Cryogenic Liquid	United States	Granted	6,671,603	1997/08/20	08/59,438	1985/12/08
4435	P00854A	Dry Gas Curtain For Cryogenic Surface	United States	Granted	5,580,537	1997/07/07	08/524,555	1985/09/07
4431	P00850A	Calorimeter Having Rapid Cooling Of A Heating Vessel Therein	United States	Granted	6,876,118	1998/03/02	08/569,388	1985/12/08
4430	P00849A	Gas Chromatographic System With Controlled Sample Transfer	United States	Granted	5,711,796	1997/01/27	08/724,699	1986/10/21
4411	P00847A	Flow Regulation In Gas Chromatograph	United States	Granted	6,545,252	1996/08/13	08/387,707	1985/03/01
3522	P00800A	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,861,530	1987/07/21	08/883,770	1986/06/16
4073	P00808AJP	Differential Dielectric Analyzer	Japan	Pending			05-064842	1997/03/02
3536	P00288AEP	Detector Cell	Europe	Granted	03036288	1995/07/12	89106283.1	1988/06/23
2956	P00276A	Optical Coupling Device	United States	Granted	4,494,212	1985/01/15	06/878,547	1984/10/7/06
2782	P00278A	Formular System With Synchronous Check For Generation Of TI	United States	Granted	4,345,478	1982/08/24	06/224,733	1981/10/11/3
2730	P00279A	Multi-part Valve In Gas Collection System And Method Of Use	United States	Granted	4,801,211	1988/07/22	06/680,688	1984/12/212
3536	P0298AJP	Low Cost Detector Cell	Japan	Granted	12,042,337	1999/12/24	78752/89	1989/03/31
3538	P0298BEP	Detector Cell For Liquid Chromatography	Europe	Published	0628374		84108/52.8	1989/03/23
4511	P00899C	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Pending			08/479,642	2000/01/07
5015	P00843A	Barcode Labeling Of ATO Tubes	United States	To File				
4479	P0064ACH	Analyzing Spectrometric Data	Switzerland	Granted	0834725		97117174.9	1997/1/0/2
4479	P0064ADE	Analyzing Spectrometric Data	Germany		0834725			
4479	P0064AEP	Analyzing Spectrometric Data	France		0834725			
4479	P0064AGB	Analyzing Spectrometric Data	Great Britain		0834725			
4479	P0064AIT	Analyzing Spectrometric Data	Italy		0834725			
4479	P0064AVL	Analyzing Spectrometric Data	Netherlands		0834725			
2730	P0079AJP	Multisteped Growth And Detection Strategy	Japan	Granted	1,838,829	1984/04/25	278111/85	1985/7/2/12
4045	P0027ADE	Multi-part Valve In Gas Collection System And Method Of Use	Germany	Granted	0560006		93100106.9	1993/01/07
4046	P0028ADE	Photodetector Amplifier Linearity	Germany	Granted	068309804	1997/04/09	93100102.8	1983/01/07
4076	P0033AAU	Absorbance Correction In Atomic Absorption Spectroscopy	Australia	Granted	654,088		298741/2	
4137	P0039AAU	Grouping Of Spectral Bands For Data Acquisition	Australia	Granted	667,614		57673/4	
4483	P0006AEP	Tunable External Cavity Diode Laser	Europe	Pushed			973038051.6	1997/07/28
4642	P00345A	Use Of Hg Lines From Hg Lamp For Wavelength Standardization	United States	To File				
4641	P0015AJP	Low Cost Detector Cell	Japan	Granted	3,016,789	1998/12/24	78,752/89	1989/1/2/24
4641	P0015A	Use Of Ne Lines For ICP Instrument Standardization	United States	To File			60/193,974	2000/03/31
5003	P00347A	Methods And Apparatus To Improve The Sensitivity	United States	Pending			60/193,519	2000/03/31
5006	P00348A	Apparatus And Methods For Bioluminescent Analytical Methods	United States	Pending				
	P00349A	Polymeric Sampling Slab						
	P00350A	Polymeric Reagent Pad						
	P00351A	Sampling Device For Use In Automated Methods						
3824	P00099A	Arc Spray Gun For Coating Confined Areas	United States	Granted	4,853,513	1988/06/01	07/187,106	1988/04/28
3824	P00099ACA	Arc Spray Gun For Coating Confined Areas	Canada	Granted	1,314,944	1993/03/23	687,288	1989/04/20
3824	P00099AJP	Arc Spray Gun For Coating Confined Areas	Japan	Granted	2-164470	1980/06/25	1-104,817	1988/04/26
3824	P00099AEP	Arc Spray Gun For Coating Confined Areas	Europe	Granted	0339650		89107686.1	1988/04/27
3824	P00099ACN	Arc Spray Gun For Coating Confined Areas	China	Granted	1035978			
3824	P00099ADE	Arc Spray Gun For Coating Confined Areas	Germany	Granted	68822646		89107686.1	1988/04/27
	P0032AJP							
5000	P00353A	Peddling 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	1987/06/02	06/704,388	1988/02/22
	P0038ACH	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0038ADE	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0038AEP	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0038AFR	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0038AGB	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0038AIT	Detection Of Low Level Hydrophobic Analytes In Samples						
4590	P0073AVWO	Autosampler Having Grippers With Shape Memory Metal Actuator	PCT	Pending			PCT/US00/0736	2000/02/14
	P0071B	Autosampler	United States	Pending			08/518,466	2000/03/03
	P0045ADE	Nebulizer	Germany	Pending			69514870.2-08	1995/06/22
	P0047BAU	Flow Regulation In Gas Chromatograph	Australia	Pending			1757880	2000/02/18

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October 6, 2000

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Re: Assignment Recordation and Name Change
Patent No. D412,991
Enclosure For Analytical Instrumentation
SSJR File: 03141-D0068A

Dear Sir or Madam:

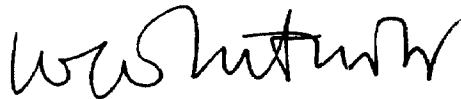
We enclose an Assignment document and a Change of Name document to be recorded for the US Patent No. D412,991. Please record the enclosed documents in the following order:

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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New Haven (203) 562 0400 ☎

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