

09-27-2000



PATENT  
03141-P0031A WWW

101473597  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignor:	Perkin-Elmer Corporation
Assignee:	Perkin Elmer LLC
Patent No. 5,265,459	Issue Date: November 30, 1993
Title of Application:	Single Element Thermal Conductivity Detector

9-15-00

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 (M/S 317); 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.

September 12, 2000

Danielle Dominici

09/26/2000 GTON11 00000107 5265459  
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PATENT  
REEL: 011097 FRAME: 0518

5. Patent Number: 5,265,459.
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,



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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.

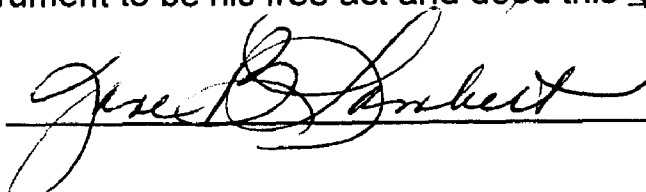
Executed this 18<sup>th</sup> day of July, 2000, at Connecticut, [State].

(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.	Model Code	Model Name	EXHIBIT A	Country	Status	Registration Number	Issue Date	Serial Number	File Date
0695	P0003ASE	Automatic Variable Filters For Use In Scanned Spectrometers		Sweden	Pending			11469-6	18730823
2103	P0004AJP	Flame Ionization Detector Status Indicator		Japan	Pending			160448	187811279
2132	P0005AJP	Detector Cell Assembly		Japan	Pending			6030506	188080423
2527	P0008AJP	High Resolution Stepping Motor Drive		Japan	Pending			279489187	188711105
3602 (HW/KUN/8)	P0016AJP	Low Frequency Stepped Voltage-To-Frequency Converter System		Japan	Granted	2,730,577	1987/12/19	02-205946	19900802
3828	P0018AJP	Circuit For Synchronizing Digital Signals		Japan	Granted	3,068,314	2000/04/28	P3027768.2	19890823
3808	P0019AJP	Application Of Kilmier Filtering To ICP Spectra		Germany	Pending			P4100046.3	1991/11/13
3973	P0020AJP	Quadrupole Mass Filter For Charged Particles		Germany	Pending			2,304,227	1991/11/13
3984	P0021AJP	3 Point Bending Measuring System		Japan	Allowed	3,032,900	2000/02/18	P4110763.2	1991/04/03
4014	P0023AJP	Punger Homing Mechanism For Use In Chromatography		Germany	Pending			3,326,691	1991/04/03
4015	P0024AJP	Vial Locator And Sensor		Canada	Pending			2,035,916	1991/02/07
4037	P0025AJP	Circuit For Heating And Sensing With A Single Element		Japan	Granted	5,108,160	1993/09/30	3,330,279.1	1991/02/27
4037	P0025AJP	Circuit For Heating And Sensing With A Single Element		Europe	Granted	0,498,053	1991/12/10	91121135.7	1991/12/10
4045	P0027AGA	Standardizing And Calibrating A Spectrometric Instrument		Japan	Granted	4,310,830		03-345215	1991/12/26
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument		Canada	Pending			2,087,360	1992/01/15
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument		Europe	Granted	560,006		67250178.7	1992/05/09
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument		Japan	Granted	6,082,307		05-037343	1993/02/03
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument		Japan	Granted	6,082,307		1993/02/12	1993/02/12
4046	P0028AGA	Photodetector Amplitude Linearity		Canada	Pending			1937/93	1993/02/12
4046	P0028AJP	Photodetector Amplitude Linearity		Japan	Granted	6,807,45	1994/02/29	2,087,621	1993/01/21
4046	P0028AJP	Photodetector Amplitude Linearity		Korea	Granted	247,171	1999/12/10	05-023171	1993/01/19
4067	P0030AJP	Inductively Coupled Plasma Generator		Japan	Granted	247,171		728493	1993/01/21
4070	P0031AJP	Single Element Thermal Conductivity Detector		Japan	Pending			11516993	1993/04/20
4076	P0033ADE	Absorbance Correction In Atomic Absorption Spectroscopy		Japan	Pending	5-223171	1992/08/31	241447192	1992/08/19
4091	P0035AJP	Method And Apparatus For Heating A Thermocouple Detector Sour		Germany	Pending			P2240301.4	1992/12/01
4126	P0037AJP	Sampling Concentrating Method & Apparatus		Germany	Granted	5-226822	1993/10/08	P4237167.6	1992/11/04
4133	P0038AJP	Optical Switching Apparatus With Retroreflector		Europe	Pending			64-322,513	1992/11/13
4133	P0038AJP	Optical Switching Apparatus With Retroreflector		Germany	Pending			81903908.3	1992/11/13
4137	P0039AGA	Grouping Of Spectral Bands For Data Acquisition		Japan	Granted	7,287,176		18502431.1	1993/01/26
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition		Canada	Granted			3669185	1993/02/27
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition		Europe	Granted	06151115	2000/04/26	2,115,056	1994/02/17
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition		Japan	Granted	6,300,628		94100598.2	1994/03/08
4137	P0041AGA	Hybrid Vialing System For Varying Fluid Flow Rate		Canada	Granted			3874394	1994/03/09
4137	P0041AJP	Hybrid Vialing System For Varying Fluid Flow Rate		Europe	Allowed			2,126,486	1994/06/22
4317	P0041AJP	Hybrid Vialing System For Varying Fluid Flow Rate		Europe	Granted	0636959	2000/04/27	84109691.5	1994/06/27
4369	P0042AJP	Hybrid Vialing System For Varying Fluid Flow Rate		Japan	Granted	7,078,032		17702594	1994/07/28
4369	P0042AJP	Hybrid Vialing System For Varying Fluid Flow Rate		Europe	Published	0693320		85109738.9	1995/06/22
4382	P0044AAU	Nebulizer		Japan	Pending			18030449.5	1995/07/17
4382	P0044AAU	Optical Spectrometer For Detecting Spectra In Separate Ranges		Australia	Granted	713,793	1996/05/24	52485106	1995/04/24
4382	P0044AJP	Optical Spectrometer For Detecting Spectra In Separate Ranges		Europe	Pending	0744599		96107288.1	1995/05/08
4385	P0045AJP	Apparatus And Method For Detecting Spectra In Separate Ranges		Japan	Pending			132143396	1995/05/27
4385	P0045AJP	Apparatus And Method For Detecting Spectra In Separate Ranges		Europe	Pending	0763196		85821345.5	1995/05/22
4385	P0045AJP	Apparatus And Method For Detecting Spectra In Separate Ranges		Europe	Pending	0803061		85821344.8	1995/05/22
4385	P0045AJP	Apparatus And Method For Differential Analysis Using Signals		Japan	Pending			8500867	1995/05/22
4392	P0046AAU	Spectrometer With Selectable Radiation From Light Source		Australia	Granted	710,066	2000/01/20	3431595	1995/10/17
4392	P0046AJP	Spectrometer With Selectable Radiation From Light Source		Europe	Pending	0708324		85115662.9	1995/10/04
4411	P0047AAU	Spectrometer With Selectable Radiation From Light Source		Japan	Pending			27101779.5	1995/10/19
4411	P0047AJP	Flow Regulation In Gas Chromatograph		Australia	Allowed			4580196	1995/02/28
4411	P0047AJP	Flow Regulation In Gas Chromatograph		Canada	Pending			2,170,080	1995/02/22
4411	P0047AJP	Flow Regulation In Gas Chromatograph		Europe	Pending	0730151		96103188.7	1995/03/01



4472	PO063A	Ion Detector, Detector Array And Instrument Using Same	United States	Pending		09/180,167	1989/11/03
4493	PO066B	Tunable External Cavity Diode Laser	United States	Pending		09/230,499	1993/01/26
2714	PO093AEP	Solvent Delivery System	Europe	Granted	005171	1984/04/13	1987/12/17
2714	PO093AFR	Solvent Delivery System	France	Granted	005171	1984/04/13	1987/12/17
2714	PO093ADE	Solvent Delivery System	Germany	Granted	P3276327.2	1984/04/13	1987/12/17
2714	PO093ANL	Solvent Delivery System	Netherlands	Granted	005171	1984/04/13	1987/12/17
2714	PO093AT	Solvent Delivery System	Italy	Granted	005171	1984/04/13	1987/12/17
2714	PO093AJP	Solvent Delivery System	Japan	Granted	1,764,707	1983/08/28	1987/12/17
2714	PO093ASE	Solvent Delivery System	Sweden	Granted	005171	1984/04/13	1987/12/17
2714	PO093ACH	Solvent Delivery System	Switzerland	Granted	005171	1984/04/13	1987/12/17
2714	PO093ACB	Solvent Delivery System	Great Britain	Granted	005171	1984/04/13	1987/12/17
2714	PO093A	Solvent Delivery System	United States	Granted	4,558,367	1985/11/20	1984/07/20
2765	PO096AFR	Spectrophotometer Gas Control System	France	Granted	0069204	1987/09/18	
2766	PO097ACB	Fluid Flow Control Device	Great Britain	Granted	2,035,614	1984/09/30	1985/08/25
2851	PO098ADE	Optical Beam Splitter	Germany	Granted	P3265493.6	1985/09/21	1987/01/29
2851	PO098AJP	Optical Beam Splitter	Japan	Granted	1,792,016	1983/10/14	1987/03/02
2851	PO098ACH	Optical Beam Splitter	Switzerland	Granted	0059936	1985/09/21	1987/01/29
2851	PO098ACB	Optical Beam Splitter	Great Britain	Granted	0059936	1985/09/21	1987/01/29
2851	PO098A	Optical Beam Splitter	United States	Granted	4,487,477	1984/11/21	1983/02/28
2873	PO099AOE	Apparatus Useful With A Chromatography Column	Germany	Granted	P3277842.0	1986/10/15	1987/07/17
2873	PO099ACH	Apparatus Useful With A Chromatography Column	Switzerland	Granted	0076689	1986/10/15	1987/07/17
2873	PO099ACB	Apparatus Useful With A Chromatography Column	Great Britain	Granted	0076689	1986/10/15	1987/07/17
2772	PO100AOE	Apparatus And Method Useful For Analyzing Refractory Substances	Germany	Granted	3,205,590	1983/05/13	1987/02/16
2772	PO100AJP	Apparatus Useful For Analyzing Refractory Substances	Japan	Granted	1,676,651	1982/06/26	1987/02/16
2780	PO101A	Apparatus Useful For Analyzing Refractory Substances	United States	Granted	4,400,354	1983/08/23	1987/02/19
2876	PO102AFR	Control Circuit For Liquid Chromatograph	United States	Granted	4,419,575	1983/11/20	1987/06/02
2876	PO102AJP	Control Circuit For Liquid Chromatograph	Japan	Granted	0085172	1987/11/11	1987/12/17
2876	PO102ADE	Control Circuit For Liquid Chromatograph	Germany	Granted	0085172	1987/11/11	1987/12/17
2876	PO102ACH	Control Circuit For Liquid Chromatograph	Switzerland	Granted	0085172	1987/11/11	1987/12/17
2876	PO102ASE	Control Circuit For Liquid Chromatograph	Sweden	Granted	1,755,762	1987/04/23	1987/01/27
2876	PO102AGB	Control Circuit For Liquid Chromatograph	Great Britain	Granted	0085172	1987/11/11	1987/12/17
2876	PO102A	Control Circuit For Liquid Chromatograph	United States	Granted	4,450,574	1984/05/22	1987/01/20
2889	PO103AFR	Spectrophotometer	France	Granted	0087668	1987/01/07	1987/01/20
2889	PO103AJP	Spectrophotometer	Germany	Granted	P3358984.9	1987/01/07	1987/01/20
2889	PO103AOE	Spectrophotometer	Switzerland	Granted	0087668	1987/01/07	1987/01/20
2889	PO103ACH	Spectrophotometer	Great Britain	Granted	0087668	1987/01/07	1987/01/20
2889	PO103ACB	Spectrophotometer	United States	Granted	4,464,051	1984/09/07	1987/03/02
2889	PO103A	Spectrophotometer	France	Granted	0129120	1984/09/17	1984/05/30
2890	PO104AFR	Liquid Level Sensor	Germany	Granted	P3473609.7	1984/09/17	1984/05/30
2890	PO104AOE	Liquid Level Sensor	Switzerland	Granted	0129120	1984/09/17	1984/05/30
2890	PO104ACH	Liquid Level Sensor	Great Britain	Granted	4,592,799	1985/09/06	1987/06/17
2890	PO104AGB	Liquid Level Sensor	United States	Granted	4,417,189	1983/11/22	1987/01/28
2890	PO104A	Liquid Level Sensor	Japan	Granted	3572537.0	1986/08/23	1989/08/23
2891	PO105A	Control Circuit For Stepper Motor	Germany	Granted	1,928,835	1985/05/12	1986/02/04
3007	PO106AJP	L.C. Sample Cell	Japan	Granted	0154792	1985/09/23	1986/02/04
3007	PO106ASE	Sample Cell Temperature Stabilizer	Sweden	Granted	0154792	1985/09/23	1986/02/04
3007	PO106ACH	Sample Cell Temperature Stabilizer	Switzerland	Granted	0154792	1985/09/23	1986/02/04
3007	PO106ACB	Sample Cell Temperature Stabilizer	Great Britain	Granted	0154792	1985/09/23	1986/02/04
3007	PO106A	L.C. Sample Cell	United States	Granted	4,599,765	1986/07/08	1988/02/20
3048	PO109AAU	Sample Cell Temperature Stabilizer	Australia	Granted	561,564	1987/05/14	1988/08/28
3048	PO109AAU	Furnace Positioning Mechanism	United States	Granted	P3376594.5	1984/11/20	1987/08/04
3048	PO109AIT	Furnace Positioning Mechanism	Germany	Granted	0101982	1984/11/20	1987/08/04
3048	PO109AIG	Thin Drawn Soda Glass Coated To Protect From Contact	Italy	Granted	0101982	1984/11/20	1987/08/04
3061	PO110AEP	Ship Churn Assembly	Great Britain	Granted	0131226	1986/01/30	1987/08/04

3061	P0110ABE	Sfp Circuit Assembly	Belgium	Granted	0,133,226	1988/03/30	84108028.5	1984/7/9
3061	P0110AFR	Sfp Circuit Assembly	France	Granted	0,133,226	1988/03/30	84108028.5	1984/7/9
3061	P0110ADE	Coupler Mechanism	Germany	Granted	347,019.0	1988/03/30	84108028.5	1984/7/9
3061	P0110ANL	Sfp Circuit Assembly	Netherlands	Granted	0,133,226	1988/03/30	84108028.5	1984/7/9
3061	P0110AIT	Sfp Circuit Assembly	Italy	Granted	0,133,226	1988/03/30	84108028.5	1984/7/9
3061	P0110ACH	Sfp Circuit Assembly	Switzerland	Granted	0,133,226	1988/03/30	84108028.5	1984/7/9
3061	P0110A	Sfp Circuit Assembly	United States	Granted	4,560,030	1985/12/24	06517,080	1983/07/25
3076	P0111AEP	Spectrophotometer	Europe	Granted	0,135,761	1991/08/05	84109505.0	1984/08/09
3076	P0111ABE	Spectrophotometer	Belgium	Granted	0,135,761	1991/08/05	84109505.0	1984/08/09
3076	P0111AFR	Spectrophotometer	France	Granted	0,135,761	1991/08/05	84109505.0	1984/08/09
3076	P0111ADE	Optical Design Of Fourier Transform Spectrophotometer	Germany	Granted	P348468.9	1991/08/05	84109505.0	1984/08/09
3076	P0111ANL	Spectrophotometer	Netherlands	Granted	0,135,761	1991/08/05	84109505.0	1984/08/09
3076	P0111AIT	Spectrophotometer	Italy	Granted	0,135,761	1991/08/05	84109505.0	1984/08/09
3076	P0111AJP	Spectrophotometer	Japan	Granted	1,800,723	1993/11/12	84109505.0	1984/08/09
3076	P0111ACH	Optical Design Of Fourier Transform Spectrophotometer	Switzerland	Granted	0,135,761	1991/08/05	84109505.0	1984/08/09
3076	P0111AGB	Spectrophotometer	Great Britain	Granted	0,135,761	1991/08/05	84109505.0	1984/08/09
3076	P0111A	Spectrophotometer	United States	Granted	4,740,082	1988/04/26	06/858,655	1986/04/24
3109	P0113A	Solvent Pressurizing System	United States	Granted	4,449,684	1989/05/15	06/481,768	1983/07/28
3109	P0113A	Liquid Chromatography Controller	United States	Granted	4,618,935	1989/05/21	06/588,765	1984/07/06
3111	P0114A	Pulse Damper	United States	Granted	4,548,713	1988/10/22	06/585,864	1984/03/02
3111	P0114ADE	RTV Pulse Damper	Germany	Granted	3585428.5	1988/10/05	3585429	1984/10/05
3111	P0114AJP	RTV Pulse Damper	Japan	Granted				
3111	P0114ASE	Pulse Damper	Sweden	Granted	0,158,132	1988/10/05	85101262.5	1985/02/06
3111	P0114ACH	Pulse Damper	Switzerland	Granted	0,156,132	1988/10/05	85101252.8	1985/02/06
3138	P0116AAU	Holder Assembly For Reaction Tubes	Great Britain	Granted	0,156,132	1988/10/05	85101252.5	1985/02/06
3138	P0116AAU	Holder Assembly For Reaction Tubes	Australia	Allowed	705,769	1993/04/24	3289195	1993/08/27
3135	P0117AAU	KCP Bad Plasma Detector	Australia	Allowed	705,036	1993/03/13	62,194/96	1994/02/11
3135	P0115AEP	Instantaneous Reading Multichannel Polychromatic Spectrophotometer	Europe	Granted	0,182,200	1996/03/06	85101901.5	1986/02/14
3135	P0115AFR	Instantaneous Reading Multichannel Polychromatic Spectrophotometer	France	Granted	0,192,200	1994/03/06	85101901.5	1986/02/14
3135	P0115ADE	A Novel Array Spectrophotometer	Germany	Granted	3650481.2	1986/03/06	3650481	1986/03/06
3135	P0115ANL	Instantaneous Reading Multichannel Polychromatic Spectrophotometer	Netherlands	Granted	0,192,200	1996/03/06	85101901.5	1986/02/14
3135	P0115AJP	A Novel Array Spectrophotometer	Japan	Granted	2,602,809	1997/10/17		
3135	P0115ACH	Instantaneous Reading Multichannel Polychromatic Spectrophotometer	Switzerland	Granted	0,192,200	1996/03/06	85101901.5	1986/02/14
3135	P0115AGB	Instantaneous Reading Multichannel Polychromatic Spectrophotometer	Great Britain	Granted	0,192,200	1996/03/06	85101901.5	1986/02/14
3138	P0116ADE	Holder Assembly For Reaction Tubes	United States	Granted	4,678,817	1987/07/07	06/703,260	1985/02/19
3138	P0116AJP	Holder Assembly For Reaction Tubes	Germany	Granted	3407065	1994/12/22	3407065	1984/02/27
3139	P0116A	Holder Assembly For Reaction Tubes	Japan	Granted	1,919,140	1989/04/07	3546/84	1984/02/28
3142	P0117A	Apparatus For Monitoring a Plasma Torch	United States	Granted	5,032,283	1991/07/16	06/882,017	1986/07/03
3142	P0118AEP	Apparatus And Method For Optimizing Separation Of An Unk	Europe	Granted	4,640,827	1987/02/03	06/528,758	1983/08/26
3142	P0118AFR	Apparatus And Method For Optimizing Separation Of An Unk	France	Granted	0,175,925	1992/09/30	85110513.0	1985/08/21
3142	P0118ADE	Apparatus And Method For Optimizing The Separation Of An Unk	Germany	Granted	P3586705.1	1992/09/30	85110513.0	1985/08/21
3142	P0118ANL	Apparatus And Method For Optimizing The Separation Of An Unk	Netherlands	Granted	0,175,925	1992/09/30	85110513.0	1985/08/21
3142	P0118AJP	Apparatus And Method For Optimizing The Separation Of An Unk	Japan	Granted	2,075,811	1990/07/25		
3142	P0118ACH	Apparatus And Method For Optimizing The Separation Of An Unk	Switzerland	Granted	0,175,925	1992/09/30	85110513.0	1985/08/21
3142	P0118AGB	Apparatus And Method For Optimizing The Separation Of An Unk	Great Britain	Granted	0,175,925	1992/09/30	85110513.0	1985/08/21
3142	P0118A	Apparatus And Method For Optimizing The Separation Of An Unk	United States	Granted	4,579,683	1988/04/01	06/853,256	1984/09/24
3162	P0120A	Light Detector Apparatus	United States	Granted				
3163	P0121A	Sample Cell Temperature Stabilizer	United States	Granted	5,073,345	1997/12/17	06/743,370	1985/07/09
3173	P0123AEP	Compensator Plate Adjustment For Beam Splitter	Europe	Granted	4,589,477	1986/05/20	06/676,660	1984/02/03
3173	P0123ABE	Compensator Plate Adjustment For Beam Splitter	United States	Granted	0,137,206	1993/10/12	84109507.8	1984/08/09
3173	P0123AFR	Compensator Plate Adjustment For Beam Splitter	France	Granted	0,137,206	1993/10/12	84109507.8	1984/08/09
3173	P0123ADE	Compensator Plate Adjustment For Beam Splitter	Belgium	Granted	0,137,206	1993/10/12	84109507.8	1984/08/09
3173	P0123ANL	Compensator Plate Adjustment For Beam Splitter	Germany	Granted	P3483892.5	1991/01/23	84109507.8	1984/08/09
3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Netherlands	Granted	0,137,206	1993/10/12	84109507.8	1984/08/09
3173	P0123AIT	Compensator Plate Adjustment For Beam Splitter	Italy	Granted	0,137,206	1993/10/12	84109507.8	1984/08/09

3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Japan	Granted	2,131,945	1986/04/12	04109/507.8	1984/08/09
3173	P0123ACH	Compensator Plate Adjustment For Beam Splitter	Switzerland	Granted	0,137,206	1987/10/12/3	04109/507.8	1984/08/09
3173	P0123AGB	Compensator Plate Adjustment For Beam Splitter	Great Britain	Granted	0,137,206	1987/10/12/3	04109/507.8	1984/08/09
3175	P0123A	Assembly For Adjusting An Optical Element	United States	Granted	4,735,505	1988/04/05	068/527,885	1985/06/30
3175	P0124ABE	Purge Shutter Mechanism	Belgium	Granted	0,144,539	1988/08/08		
3175	P0124ADE	Purge Shutter Mechanism	Germany	Granted	247,931.5	1988/08/08		
3175	P0124ANL	Purge Shutter Mechanism	Netherlands	Granted	0,144,539	1988/08/08		
3175	P0124AIT	Purge Shutter Mechanism	Italy	Granted	0,144,539	1988/08/08		
3175	P0124AJP	Purge Shutter Mechanism	Japan	Granted	1,772,551	1988/07/14		
3175	P0124ACH	Purge Shutter Mechanism	Switzerland	Granted	0,144,539	1988/08/08		
3175	P0124AEP	Purge Shutter Mechanism	United States	Granted	4,603,835	1988/08/05		
3178	P0125AEP	Digital Control For Rapid Retit Of A Liquid Chromatograph	Europe	Granted	0,194,450	1987/10/12/3	0615/40,952	1983/11/09
3178	P0125AFR	Digital Control For Rapid Retit Of A Liquid Chromatograph	France	Granted	0,194,450	1987/10/12/3	0615/40,952	1983/11/09
3178	P0125ADE	Digital Control For Rapid Retit Of A Liquid Chromatograph P	Germany	Granted	3,677,029.8	1987/10/12/3	0615/40,952	1983/11/09
3178	P0125ANL	Digital Control For Rapid Retit Of A Liquid Chromatograph	Netherlands	Granted	0,194,450	1987/10/12/3		
3178	P0125AJP	Digital Control For Rapid Retit Of A Liquid Chromatograph	Japan	Granted	0,194,450	1987/10/12/3		
3178	P0125ASE	Digital Control For Rapid Retit Of A Liquid Chromatograph	Sweden	Granted	1,878,685	1985/10/17		
3178	P0125ACH	Digital Control For Rapid Retit Of A Liquid Chromatograph P	Switzerland	Granted	0,194,450	1987/10/12/3		
3178	P0125AEP	Digital Control For Rapid Retit Of A Liquid Chromatograph P	Great Britain	Granted	0,194,450	1987/10/12/3		
3178	P0125A	Digital Control For Rapid Retit Of A Liquid Chromatograph P	United States	Granted	4,643,649	1987/02/17	067/00,765	1985/02/11
3196	P0128AEP	Interferometer Mirror Adjustment	Europe	Granted	0,158,173	1985/11/02	067/00,765	1985/03/19
3196	P0128AFR	Interferometer Mirror Adjustment	France	Granted	0,158,173	1985/11/02	067/00,765	1985/03/19
3196	P0128ADE	Interferometer Mirror Adjustment	Germany	Granted	3,574,050	1985/08/30		
3196	P0128AJP	Interferometer Mirror Adjustment	Japan	Granted	1,978,654	1985/11/02		
3196	P0128AEP	Interferometer Mirror Adjustment	Great Britain	Granted	0,158,173	1985/11/02		
3196	P0128AGB	Interferometer Mirror Adjustment	United States	Granted	4,621,899	1985/11/11	065/90,768	1984/07/08
3213	P0128AEP	Micro Argon Detector	Europe	Granted	0,184,892	1982/08/19	065/90,768	1984/07/08
3213	P0128AFR	Micro Argon Detector	France	Granted	0,184,892	1982/08/19	065/90,768	1984/07/08
3213	P0128ADE	Micro Argon Detector	Germany	Granted	0,184,892	1982/08/19	065/90,768	1984/07/08
3213	P0128ANL	Micro Argon Detector	Netherlands	Granted	0,184,892	1982/08/19	065/90,768	1984/07/08
3213	P0128AJP	Micro Argon Detector	Japan	Granted	1,899,498	1985/10/12/3	065/90,768	1984/07/08
3213	P0128ACH	Micro Argon Detector	Switzerland	Granted	0,184,892	1982/08/19	065/90,768	1984/07/08
3213	P0128AGB	Micro Argon Detector	Great Britain	Granted	0,184,892	1982/08/19	065/90,768	1984/07/08
3213	P0128A	Micro Argon Detector	United States	Granted	4,740,695	1988/04/26	067/87,563	1984/07/08
3234	P0129A	Ionization Detectors for Gas Chromatography	United States	Granted	4,809,810	1988/08/02	068/24,313	1984/08/26
3255	P0130AEP	Apparatus for controlling a Plasma	Europe	Granted	0,161,493	1982/05/20	068/24,313	1984/08/26
3255	P0130AFR	Liquid Chromatographic Cartridge Column System	France	Granted	0,161,493	1982/05/20	068/24,313	1984/08/26
3255	P0130ADE	Liquid Chromatographic Cartridge Column System	Germany	Granted	0,161,493	1982/05/20	068/24,313	1984/08/26
3255	P0130ANL	Liquid Chromatographic Cartridge Column System	Netherlands	Granted	0,161,493	1982/05/20	068/24,313	1984/08/26
3255	P0130AJP	Liquid Chromatographic Cartridge Column System	Japan	Granted	2,571,045	1988/02/27	158/95/94	1985/05/07
3255	P0130ACH	Liquid Chromatographic Cartridge Column System	Switzerland	Granted	0,161,493	1982/05/20	068/24,313	1984/08/26
3255	P0130AGB	Liquid Chromatographic Cartridge Column System	Great Britain	Granted	0,161,493	1982/05/20	068/24,313	1984/08/26
3255	P0130A	Liquid Chromatographic Cartridge Column System	United States	Granted	4,581,014	1986/05/06	068/50,878	1984/08/26
3396	P024AEP	Polymerization For Multi-Element Analysis	Europe	Granted	0,282,043	1983/10/02	068/50,878	1984/08/26
3396	P024AFR	Dual Servo Impedance Matching System For Icp Spectroscopy	France	Granted	0,155,496	1983/10/02	068/50,878	1984/08/26
3396	P024ADE	Dual Servo Impedance Matching System For Icp Spectroscopy	Germany	Granted	4,795,257	1988/01/03	07/024,237	1987/03/10
3396	P024ANL	Dual Servo Impedance Matching System For Icp Spectroscopy	United States	Granted	0,155,496	1983/10/02	068/50,878	1984/08/26
3396	P024AJP	Dual Servo Impedance Matching System For Icp Spectroscopy	Japan	Granted	2,111,788	1986/03/22	068/50,878	1984/08/26
3258	P0131AEP	Dual Servo Impedance Matching System For Icp Spectroscopy	Italy	Granted	0,155,496	1983/10/02	068/50,878	1984/08/26
3258	P0131AFR	Dual Servo Impedance Matching System For Icp Spectroscopy	France	Granted	0,155,496	1983/10/02	068/50,878	1984/08/26
3258	P0131ADE	Dual Servo Impedance Matching System For Icp Spectroscopy	Germany	Granted	5,108,187	1992/04/28	07/272,393	1991/08/19
3258	P0131ANL	Dual Servo Impedance Matching System For Icp Spectroscopy	United States	Granted	0,155,496	1983/10/02	068/50,878	1984/08/26
3258	P0131AJP	Dual Servo Impedance Matching System For Icp Spectroscopy	Japan	Granted	4,629,940	1986/12/16	068/50,878	1984/08/26
3258	P024AEP	Correction Of Spectra For Stray Radiation	Europe	Granted	0,658,751	1988/04/05		
4314	P024AFR	Correction Of Spectra For Stray Radiation	France	Granted	0,658,751	1988/04/05		
4314	P024ADE	Correction Of Spectra For Stray Radiation	Germany	Granted	0,658,751	1988/04/05		
4314	P024ANL	Correction Of Spectra For Stray Radiation	United States	Granted	0,658,751	1988/04/05		
4314	P024AJP	Correction Of Spectra For Stray Radiation	Japan	Granted	0,658,751	1988/04/05		



4314	P0246ADE	Correction Of Spectra For Sisy Radiation	Germany	Granted	63412221.1	1987/04/05			
3259	P0132AEP	Multiple Streams Sampling System	Europe	Granted	0154198	1991/09/25			
4314	P0245AJP	Correction Of Spectra For Sisy Radiation	Japan	Pending					
3259	P0132ADE	Multiple Streams Sampling System	Germany	Granted	3584175.3	1991/09/25			1994/12/16
4314	P0132ASE	Multiple Streams Sampling System	Sweden	Granted	0154198	1991/09/25			
3259	P0245AGB	Correction Of Spectra For Sisy Radiation	Great Britain	Granted	0658751	1991/04/05			1994/12/15
3259	P0132ACH	Multiple Streams Sampling System	Switzerland	Granted	0154198	1991/09/25			
4314	P0245A	Correction Of Spectra For Sisy Radiation	United States	Granted	5,428,558	1995/08/27	02/188,800		1993/12/17
3259	P0132DA	Apparatus For Periodically Monitoring Composition of Samples	United States	Granted	4,678,639	1997/07/07	06/155,787		1994/03/02
3267	P0134A	Synchronous Wavelength Drive And Data Acquisition Conversion	United States	Granted	4,660,977	1997/04/28	06/704,344		1995/07/22
3282	P0135A	Sisy Apparatus for an Atomic Absorption Spectro Burner	United States	Granted	4,568,267	1995/02/04	06/670,711		1994/11/13
3296	P0137A	Sis-Spraying Lampholder	United States	Granted	4,597,034	1995/06/24	06/670,715		1994/11/13
3307	P0138AEP	Programmed Temperature Control Of A Thermal System	Europe	Granted	0184283	1991/12/04	8,530,519.5		1995/07/22
3307	P0138AFR	Programmed Temperature Control Of A Thermal System	France	Granted	0184283	1991/12/04	8,530,519.5		1995/07/22
3307	P0138ADE	Programmed Temperature Control Of A Thermal System	Germany	Granted	P5544824.3	1991/12/04	8,530,519.5		1995/07/22
3307	P0138ANL	Programmed Temperature Control Of A Thermal System	Netherlands	Granted	0184283	1991/12/04	8,530,519.5		1995/07/22
3307	P0138AJP	Programmed Temperature Control Of A Thermal System	Japan	Granted	2,003,593	1996/03/19	27,238,165		1995/12/03
3307	P0138ACH	Programmed Temperature Control Of A Thermal System	Switzerland	Granted	0184283	1991/12/04	8,530,519.5		1995/07/22
3307	P0138AGB	Programmed Temperature Control Of A Thermal System	Great Britain	Granted	0184283	1991/12/04	8,530,519.5		1995/07/22
3307	P0138A	Programmed Temperature Control Of A Thermal System	United States	Granted	4,752,218	1998/06/21	06/830,982		1995/11/13
3309	P0139AGB	Ionization Detectors For Gas Chromatography	United States	Granted	4,637,441	1995/06/06	06/822,586		1996/10/24
3309	P0139A	Ionization Detectors For Gas Chromatography	Great Britain	Granted	2,103,697	1995/07/11	8,528,765.6		1995/10/30
3312	P0140ADE	Linearized Ultra-Low Noise Mic Preamp	Germany	Granted	3605488	1995/05/24	3605488		1996/02/28
3312	P0140AGB	Detector Preamp/Filter For Use with a MCT Detector	Japan	Granted	2,068,543	1996/07/10	3540,946		1996/07/21
3313	P0141A	Rapid Flow Control System	Great Britain	Granted	2,171,512	1998/01/25	06/01,999.9		1996/01/28
2445	P0256ADE	Optical Beam Switching Apparatus	United States	Granted	4,682,022	1997/07/21	06/704,355		1995/07/22
2445	P0256AJP	Optical Beam Switching Apparatus	Germany	Granted	4,617,953	1998/10/21	06/670,714		1994/11/13
2445	P0258AGB	Optical Beam Switching Apparatus	Ibly	Granted	P2828145	1997/09/10	2,828,145		197/06/27
3321	P0143A	System for Changing Oxidants in a Spectrophotometer	Great Britain	Granted	1158127	1998/02/03			
2515	P0257AJP	Phase Synchronization Apparatus	United States	Granted	4,571,172	1996/02/16	06/670,713		1994/11/13
2515	P0257AGB	Spectroscopic Phase Synchronization Apparatus	Japan	Granted	1,711,151	1992/11/11	862482		1992/10/26
2515	P0257A	Phase Synchronization Apparatus	Great Britain	Granted	2,082,288	1994/03/22	1,313,787.5		1991/10/21
2646	P0258AJP	Method And Apparatus For Determining The Nature Of An Unknown	United States	Granted	4,536,852	1995/06/07	06/229,693		1991/10/29
2780	P010VAAU	Apparatus Useful For Positioning A Light Filter	Japan	Granted	1,670,082	1992/06/12	1,675,381		1991/02/06
3331	P0144AFR	Apparatus Useful For Positioning A Light Filter	Great Britain	Granted	2,070,235	1994/02/01	8,103,908.4		1991/02/02
3331	P0144A	Solvent Pressurizing & Degassing System	Australia	Granted	384,417	1985/12/12	8497,182		1992/06/01
3331	P0144AGB	Solvent Pressurizing & Degassing System	France	Granted	0178349	1998/05/24			
3331	P0144ADE	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Europe	Pending					
3331	P0144ANL	Solvent Pressurizing & Degassing System	Germany	Granted	3,570,527.2	1998/05/24	90,101,324.3		1990/10/23
3331	P0144ACH	Solvent Pressurizing & Degassing System	Netherlands	Granted	0178349	1998/05/24	3,570,527		1998/05/24
3331	P0144AGB	Solvent Pressurizing & Degassing System	Switzerland	Granted	0178349	1998/05/24			
3331	P0144A	Solvent Pressurizing & Degassing System	Great Britain	Granted	0178349	1998/05/24			
60317E	P0280AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,541,452	1998/09/17	06/659,374		1994/10/10
3355	P0145AEP	Ionization Detectors For Gas Chromatography	Japan	Pending	3,053,832	2000/04/07	3884,300		1990/01/16
3355	P0145AFR	Ionization Detectors For Gas Chromatography	Europe	Granted	0249714	1992/06/17	87,105,713.9		1987/04/16
3355	P0145ADE	Ionization Detectors For Gas Chromatography	France	Granted	0249714	1992/06/17	87,105,713.9		1987/04/16
3355	P0145ANL	Ionization Detectors For Gas Chromatography	Germany	Granted	P3779818.9	1992/06/17	87,105,713.9		1987/04/16
3436	P0280ACA	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Netherlands	Granted	0249714	1992/06/17	87,105,713.9		1987/04/16
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Canada	Abused	2,007,782	2000/10/14			1990/01/15
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Italy	Granted	0249714	1992/06/17	87,105,713.9		1987/04/16
3365	P0145ASE	Ionization Detectors For Gas Chromatography	Japan	Granted	2,574,289	1998/10/24			1997/04/16
3365	P0145AGB	Ionization Detectors For Gas Chromatography	Sweden	Granted	0249714	1992/06/17	87,105,713.9		1987/04/16
3365	P0145A	Ionization Detectors For Gas Chromatography	Great Britain	Granted	0249714	1992/06/17	87,105,713.9		1987/04/16
4369	P0042AAU	Ionization Detectors For Gas Chromatography	United States	Granted	4,873,862	1998/10/17	07/004,810		1997/01/09
		Metallizer	Australia	Granted	707,263	1999/07/08	2501,195		1995/07/14

3385	P0144AEP	Automatic Optimization Procedure	Europe	Granted	0192201	1992/01/29	638-44/06	1985/02/20
3386	P0144AAU	Automatic Optimization Procedure	Australia	Granted	585,853	1992/01/27	638-44/06	1985/02/20
3389	P0144ACA	Automatic Optimization Procedure	Canada	Granted	1,271,342	1990/07/10	500-p4.1	1985/01/31
3389	P0144ACA	Automatic Optimization Procedure	Germany	Granted	3866175.8	1992/01/28		
3389	P0144ANL	Automatic Optimization Procedure	Netherlands	Granted	0182201	1992/01/28		
3389	P0144AIT	Automatic Optimization Procedure	Italy	Granted	0192201	1992/01/28		
3389	P0144AJP	Automatic Optimization Procedure	Japan	Granted	1,911,192	1995/03/09	35400/88	1989/02/21
3389	P0146AGH	Automatic Optimization Procedure	Switzerland	Granted	0182201	1992/01/28		
3389	P0144A	Optimization Apparatus and Procedure	United States	Granted	4,589,754	1997/08/25	087/04,358	1985/02/21
3318	P0199AAU	Atomic Absorption Spectrometer	Australia	Granted	502,261	1989/03/16	60855/85	1986/08/07
3318	P0199AJP	Atomic Absorption Spectrometer	Japan	Granted	2,118,078	1989/12/05		
3318	P0199A	Atomic Absorption Spectrometer	United States	Granted	4,991,960	1997/02/12	068993,766	1985/08/06
3322	P0200AJP	Gas Control Device For Controlling The Fuel Gas	Japan	Granted	2,016,021	1995/02/19	191797/05	1985/08/18
3372	P0147A	Around The Corner Adjustment Device	United States	Granted	4,669,324	1987/08/02	068/53,253	1986/04/17
3382	P0203A	Burner Assembly For Atomic Absorption Spectrometer	United States	Granted	4,376,694	1988/10/11	069/32,957	1986/11/19
3377	P0147AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Japan	Granted	5,063,621	1991/10/01	07/6,18,123	1990/11/19
3377	P0175A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,917,493	1990/04/17	07/205,688	1986/08/13
3808	P0262A	Electrothermal Atomization Furnace For Spectroscopy	United States	Granted	4,861,207	1990/10/02	07/288,150	1989/08/02
3808	P0018A	Synchronization Of Digital Signals With Alternating Current	United States	Granted	5,360,588	1996/11/01	07/504,676	1990/04/05
4014	P0023A	Pinger Horning Mechanism For Use In Chromatography	United States	Granted	5,285,459	1993/11/20	07/748,588	1991/08/22
4070	P0031A	Single Element Thermal Conductivity Detector	United States	Granted	5,099,198	1992/03/24	07/637,392	1991/10/04
4037	P0025A	Circuit For Heating And Sensing With A Single Element	United States	Granted	542,372	1985/02/21	7697/261	1981/10/30
2695	P0281AAU	Optical Coupling Device	Australia	Granted	317,693.7	1987/02/25	3159932	1987/02/25
2695	P0281ADE	Optical Coupling Device	Germany	Granted	5,003,192	1987/02/25		
2695	P0281ACH	Optical Coupling Device	Switzerland	Granted	5,303,165	1994/04/12	07/8,54,448	1992/02/12
4045	P0027A	Standardizing And Calibrating A Spectrometric Instrument	United States	Granted	5,329,995	1994/07/19	08/100,698	1993/07/30
4317	P0041A	Hybrid Valving System For Varying Fluid Flow Rate	United States	Granted	5,965,983	1996/10/15	08/451,351	1995/05/26
4382	P0044A	Optical Spectrometer For Detecting Spectra In Separate Range	United States	Granted	5,464,157	1995/11/07	08/276,144	1994/07/18
4369	P0042A	Nebulizer	United States	Granted	5,452,989	1995/08/19	08/137,854	1993/10/15
4371	P0043B	Spark Sampling Microparticle Generator And Method	United States	Granted	4,976,162	1990/12/11	07/435,114	1989/11/13
3984	P0021A	3 Point Bending Measuring System	United States	Granted	5,171,530	1992/12/15	07/803,609	1991/12/03
4015	P0024C	Vial Locator And Sensor	United States	Granted	0241840	1993/01/27	07/1057,12.1	1987/04/16
3382	P0004AEP	Integral Separation Capillary/Conductivity Detector	France	Granted	0241840	1993/01/27	07/1057,12.1	1987/04/16
3382	P0004AFR	Integral Separation Capillary/Conductivity Detector	France	Granted	P37837/88.2	1993/01/27	07/1057,12.1	1987/04/16
3382	P0004ADE	Integral Separation Capillary/Conductivity Detector	Germany	Granted	0241840	1993/01/27	07/1057,12.1	1987/04/16
3382	P0004ANL	Integral Separation Capillary/Conductivity Detector	Netherlands	Granted	0241840	1993/01/27	07/1057,12.1	1987/04/16
3382	P0004AIT	Integral Separation Capillary/Conductivity Detector	Italy	Granted	0241840	1993/01/27	07/1057,12.1	1987/04/16
3382	P0004AJP	Integral Separation Capillary/Conductivity Detector	Japan	Granted	0241840	1993/01/27	07/1057,12.1	1987/04/16
3382	P0004ASE	Integral Separation Capillary/Conductivity Detector	Sweden	Granted	0241840	1993/01/27	07/1057,12.1	1987/04/16
3382	P0004AGB	Integral Separation Capillary/Conductivity Detector	Great Britain	Granted	0241840	1993/01/27	07/1057,12.1	1987/04/16
3382	P0004A	Integral Separation Capillary/Conductivity Detector	United States	Granted	4,816,123	1988/03/26	07/051,808	1987/07/06
3382	P0004A	Method of Fabricating Capillary Electro Separation Channels	United States	Granted	4,682,805	1997/07/28	06/830,183	1986/02/18
3401	P0268A	Grasping Finger Position Sensor For A Robot System	United States	Granted	4,716,342	1997/12/29	06/804,948	1985/12/05
3433	P0267A	Power Circuit For Spectral Analysis Gaseous Discharge Lamp	United States	Granted	4,728,679	1997/02/23	06/855,995	1986/02/25
3435	P0266A	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,694,811	1997/08/04	06/837,438	1986/03/07
3436	P0269A	Frictionless Translational Bearing	United States	Granted	4,878,216	1998/10/16	06/853,145	1986/03/07
3471	P0270A	System For Calibrating A Monochromator	United States	Granted	4,878,216	1998/10/16	06/853,145	1986/03/07
3480	P0271A	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	0328145	1995/08/20	07/281,374	1989/02/10
3480	P0271AEP	High Pressure Column Assembly For A Liquid Chromatograph	Europe	Granted	P68974284.0	1995/08/20	89102368.1	1989/02/10
3480	P0271ADE	High Pressure Column Assembly For A Liquid Chromatograph	Germany	Granted	P68974284.0	1995/08/20	89102368.1	1989/02/10
3480	P0271AGB	High Pressure Column Assembly For A Liquid Chromatograph	Great Britain	Granted	0328145	1995/08/20	89102368.1	1989/02/10
3514	P0272A	Programmable Lamp Plug	United States	Granted	4,670,813	1997/08/02	06/807,924	1985/11/28
	P0272A	Phase Angle Measurement	United States					
	P0272AEP	Phase Angle Measurement	Europe					
	P0272AFR	Phase Angle Measurement	France					
	P0272ADE	Phase Angle Measurement	Germany					
	P0272AIT	Phase Angle Measurement	Italy					



3528	P0286ADE	Inductively Coupled Plasma Torch With Sample Injector	Germany	Granted	P2868982.4	1994/01/12	86103413.6	1998/03/04
3703	P0285ADE	Thermal Conductivity Detector	Germany	Granted	P2858541.1	1994/02/02	86103409.4	1998/03/04
3809	P0287ADE	Monochromator Drift Compensation	Germany	Granted	P6813359.6	1994/03/02	86109948.3	1998/06/01
3827	P0287ADE	Power System For Inductively Coupled Plasma Torch	Germany	Granted	P3850422.7	1994/06/29	86103403.7	1998/03/04
3536	P0288ADE	Low Frequency Signal Processing Circuitry	Germany	Granted	P68916824.1	1994/07/20	85105094.3	1998/03/21
4008	P0007ADE	Method And Apparatus For Spectrophotometer Used In Liquid Chromatography	Germany	Granted	P68923389	1995/07/12	85106263.1	1998/03/23
4073	P0008ADE	Detection Of Low Level Analyses In Samples Using Agglutinat	Germany	Granted	P69216836.4	1997/03/28	92116813.2	1998/10/02
4637	P0284ADE	Apparatus For Differential Analysis Of Sample Dielectric Pro	Germany	Granted	P8320217	1998/09/17	68320217	1993/02/11
4606	P0328A	Analysis Of Organic Material	Germany	Granted	P3854208.9	1995/07/26	88102640.9	1998/02/26
4607	P0329A	Zone-Dilution Split Injector Unit For Gas Chromatography	United States	Pending			88154208	1998/09/16
4501	P0329A	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Pending			09443075	1998/11/19
4501	P0330A	Hybrid Film Type Sensor	United States	Granted	D412.981	1999/08/17	291054.998	1997/07/18
3809	P0310A	Enclosure For Analytical Instrumentation	United States	Granted	5,942,442	1999/08/24	08831208	1997/04/02
3809	P0310A	Detection Of Low Level Analyses In Samples Using Agglutinat	United States	Granted	612.847	1999/07/18	35817488	1998/06/01
3828	P0310A	Monochromator Drift Compensation	Australia	Granted	4,916,645	1999/04/10	07201.250	1998/08/02
3828	P0018AAGB	Monochromator Drift Compensation	Germany	Granted	1,321,486	1993/08/24	601,458	1998/06/01
4015	P0024ADE	Circuit For Synchronizing Digital Signals With Alternating C	Germany	Granted	4,024,459	1993/07/20	P4024458.8	1998/08/01
4015	P0024ADE	Circuit For Synchronizing Digital Signals With Alternating Cur	Germany	Granted	2,235,637	1993/08/16	8016503.6	1998/07/27
4015	P0024AEP	Val Locator And Sensor	Germany	Granted	P69108708.9	1995/05/17	81102281.2	1991/02/18
4015	P0024AEP	Val Locator And Sensor	Germany	Granted	0444498	1995/06/17	91102281.2	1991/02/18
4070	P0031ADE	Val Locator And Sensor	Australia	Granted	640.453	1993/08/26	71933091	1991/02/27
4073	P0308A	Single Element Thermal Conductivity Detector	Europe	Granted	0329295	1998/09/02	92112375.8	1992/07/20
2730	P0278AAGB	Apparatus For Differential Analysis Of Sample Dielectric Pro	Germany	Granted	682268833.2	1998/08/02	82112375.8	1992/07/20
3526	P0278AAGB	Apparatus For Differential Analysis Of Sample Dielectric Pro	Germany	Granted	5,309.110	1994/08/03	077845.994	1992/03/04
3984	P0024AAGB	3 Point Bending Measuring System	United States	Granted	0185828	1992/08/30	85114718.1	1985/11/18
4015	P0027AAGB	Val Locator And Sensor	Great Britain	Granted	0428010	1995/07/12	89105263.1	1986/05/23
4045	P0028AAGB	Standardizing And Calibrating A Spectrometric Instrument	Great Britain	Granted	0444498	1994/06/01	90120859.5	1990/10/31
4063	P0029AAGB	Photodiode Array Linearly	Great Britain	Granted	0352806	1995/05/17	91102281.2	1991/02/18
4073	P0030AAGB	Method Of Manufacturing Glass Beads	Great Britain	Granted	0352804	1997/12/10	93101018.9	1993/01/07
4081	P0031AAGB	Apparatus For Differential Analysis Of Sample Dielectric Pro	Great Britain	Granted	2,261,659	1995/06/28	92235893.3	1992/11/11
2956	P0032AAGB	Apparatus For Differential Analysis Of Sample Dielectric Pro	Great Britain	Granted	0558972	1995/08/12	93102168.7	1993/02/11
4053	P0033AAGB	Apparatus For Differential Analysis Of Sample Dielectric Pro	Great Britain	Granted	2,282,180	1995/08/02	9223548.0	1992/11/10
4086	P0034AAGB	Method For Heating A Thermionic Detector Source	Great Britain	Granted	2,261,534	1995/12/06	9223598.5	1992/11/11
4086	P0034AAGB	Method For Heating A Thermionic Detector Source	Great Britain	Granted	2,116,753	1996/01/29	9301866.5	1993/02/10
4086	P0034ADE	Double Beam Detector System For Liquid Chromatography	Great Britain	Granted	0328541	1996/04/17	92114331.9	1992/08/21
	P0333A	Photometric Instrument With Optical Fibers For Analyzing	Germany	Pending			P4424961.6	1994/07/14
	P0333ANL	Method For Processing A Sample	United States	Allowed			089101.818	1988/10/20
	P0333AWD	Method For Processing A Sample	The Netherlands	Pending			11007110	1995/01/17
4482	P0328AAGB	Method For Processing A Sample	Canada	Published			PCT/IL 87/00005	1987/01/07
4482	P0328AEP	Detection Of Low Level Hydrophobic Analyses In Samples	Europe	Published	2,285,282			1998/04/02
4482	P0328AEP	Detection Of Low Level Hydrophobic Analyses In Samples	Europe	Published	98914440.7			1998/04/02
4482	P0328AEP	Detection Of Low Level Hydrophobic Analyses In Samples	Japan	Pending	10,542,004			1998/10/04
4482	P0328AEP	Detection Of Low Level Hydrophobic Analyses In Samples	Australia	Published	6879698			1998/04/02
4501	P0330AAGB	Detection Of Low Level Analyses In Samples Using Agglutinat	Canada	Published	2,285,219			1998/04/02
4501	P0330AAGB	Detection Of Low Level Analyses In Samples Using Agglutinat	Europe	Published	99814435.7			1998/04/02
4501	P0330AAGB	Detection Of Low Level Analyses In Samples Using Agglutinat	Australia	Published	6879388			1998/04/02
4501	P0330AEP	Detection Of Low Level Analyses In Samples Using Agglutinat	Germany	Pending	10,541,939			1998/04/02
4501	P0330AEP	Detection Of Low Level Analyses In Samples Using Agglutinat	Japan	Pending	97900480.1			1998/10/04
4482	P0328A	Method For Processing A Sample	United States	Granted	5,891,740	1999/04/06	10883.168	1997/04/02
3728	P0335A	Detection Of Low Level Hydrophobic Analyses In Samples	United States	Granted	4,820,048	1999/04/11	07121.025	1997/11/19
4086	P0034AAGB	Photometric Instrument With Optical Fibers For Analyzing	Great Britain	Granted	2,312,044	1998/01/21	9714780.5	1997/07/14
4589	P0337A	Computer Operated Spectrometric Instrument	United States	Allowed			003300.609	1999/04/27
5002	P0338A	Method And Apparatus For Laser Spectral Compensation	United States	Pending			091501.092	2000/02/11
		Method And Apparatus For Impurity Detection	United States	Pending			109561.600	2000/04/27

4488	P0307AJP	Method And Apparatus For Comparing Spectra	Japan	Granted	5-209825	1993/08/20	4-287034	1992/10/02
4489	P0330B	Detection Of Low Level Analyses In Samples Using Agglutination	United States	Pending				1993/03/12
4490	P0339A	Spectroscopic Determination Of The Dissociation Constants	United States	To File				
4491	P0340A	Non-Fluorescence Determination Of Protein-Ligand Interaction	United States	To File				
4492	P0324AU	Electrochromic Absorption Furnace For Spectroscopy	Australia	Granted	598,940	1990/07/05	1817508	1990/08/20
4493	P0341A	Optical Switching Device	United States	Granted	5,056,806	1991/10/15	077603,592	1990/10/25
4494	P0328A	Method Of Manufacturing Glass Beads	United States	Granted	5,190,009	1993/03/30	077766,497	1991/11/22
4495	P0334B	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	5,526,451	1990/06/11	081224,650	1990/10/18
4496	P0297A	Phase Angle Measurement	United States	Granted	4,085,683	1991/01/15	077173,201	1990/03/24
4497	P0297AFR	Phase Angle Measurement	France	Granted	0334303	1994/07/20	88105064,3	1994/03/21
4498	P0297AT	Phase Angle Measurement	Italy	Granted	0334303	1994/07/20	88105064,3	1994/03/21
4499	P0297AJP	Phase Angle Measurement	Japan	Granted	1,316,631	1989/03/21	73716/8	1990/03/24
4500	P0297AJP	Phase Angle Measurement	Switzerland	Granted	0094902	1994/07/20	89105064,3	1990/03/21
4501	P0297ACH	Phase Angle Measurement	Great Britain	Granted	0334303	1994/07/20	88105064,3	1994/03/21
4502	P0015B	Phase Angle Measurement	United States	Granted	4,088,573	1993/09/19	077119,594	1991/11/12
4503	P0015AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Europe	Granted	0266682	1993/07/14	87115917,4	1991/10/29
4504	P0015AFR	Line Frequency Slaved Voltage-To-Frequency Converter System	France	Granted	0266682	1993/07/14	87115917,4	1991/10/29
4505	P0015ADJ	Line Frequency Slaved Voltage-To-Frequency Converter System	Germany	Granted	P3790522,6	1993/07/14	87115917,4	1991/10/29
4506	P0015ADJ	Line Frequency Slaved Voltage-To-Frequency Converter System	Netherlands	Granted	0266682	1993/07/14	87115917,4	1991/10/29
4507	P0015ADJ	Line Frequency Slaved Voltage-To-Frequency Converter System	Switzerland	Granted	0266682	1993/07/14	87115917,4	1991/10/29
4508	P0015ADJ	Line Frequency Slaved Voltage-To-Frequency Converter System	Great Britain	Granted	4,785,614	1993/07/14	87115917,4	1991/10/29
4509	P0015ADJ	Line Frequency Slaved Voltage-To-Frequency Converter System	United States	Granted	5,044,960	1991/09/03	077178,713	1990/04/07
4510	P0284A	Analysis Of Organic Material	United States	Granted	5,013,828	1991/05/07	077218,721	1990/07/13
4511	P0284C	Analysis Of Organic Material	United States	Granted	0280335	1993/07/26	881022940,0	1990/02/26
4512	P0284AT	Analysis Of Organic Material	Italy	Granted	2,683,011	1997/08/08	42338/88	1998/02/26
4513	P0284AJP	Analysis Of Organic Material	Japan	Granted	2,730,624	1997/12/19	56220/97	1997/07/16
4514	P0284AJP	Analysis Of Organic Material	Great Britain	Pending				
4515	P0284AJP	Analysis Of Organic Material	United States	Granted	0280335	1993/07/26	881022940,0	1990/02/26
4516	P0287AFR	Power System For Inductively Coupled Plasma Torch	United States	Granted	4,618,916	1987/03/06	070222,828	1987/03/06
4517	P0287AJP	Power System For Inductively Coupled Plasma Torch	Japan	Granted	9281157	1994/06/29	88103402,7	1988/03/04
4518	P0287AJP	Power System For Inductively Coupled Plasma Torch	Great Britain	Granted	2,708,447	1997/10/17	1998/03/07	1998/03/04
4519	P0287ACH	Power System For Inductively Coupled Plasma Torch	United States	Granted	0281157	1994/06/29	88103402,7	1988/03/04
4520	P0288AFR	Inductively Coupled Plasma Torch With Sample Injector	France	Granted	4,766,287	1984/08/23	88103413,6	1987/03/06
4521	P0288A	Inductively Coupled Plasma Torch With Sample Injector	Japan	Granted	0281158	1994/03/11	88103413,6	1988/03/04
4522	P0288AJP	Inductively Coupled Plasma Torch With Sample Injector	Great Britain	Granted	2,758,165	1994/03/11	88103413,6	1988/03/04
4523	P0288AGB	Inductively Coupled Plasma Torch With Sample Injector	United States	Granted	0281158	1994/03/11	88103413,6	1988/03/04
4524	P0288AAU	Chromatography Column	Australia	Granted	4,972,979	1989/10/10	077041,554	1987/04/22
4525	P0288AFR	Chromatography Column	France	Granted	594,926	1988/04/22	15092/88	1988/04/22
4526	P0288AJP	Chromatography Column	Japan	Granted	0287922	1993/03/10	88105748,3	1988/04/11
4527	P0288AJP	Chromatography Column	Italy	Granted	0287922	1993/03/10	88105748,3	1988/04/11
4528	P0288AJP	Chromatography Column	Great Britain	Granted	2,544,289	1997/05/02	96977188	1998/04/21
4529	P0288AGB	Chromatography Column	United States	Granted	0287922	1993/03/10	88105748,3	1988/04/11
4530	P0285AJP	Thermal Conductivity Detector	United States	Granted	4,995,163	1991/02/26	1991/08/25	1989/08/25
4531	P0285A	Thermal Conductivity Detector	United States	Granted	4,813,287	1989/03/21	077022,147	1987/03/06
4532	P0285AT	Thermal Conductivity Detector	Italy	Granted	0281966	1994/02/02	88103409,4	1988/03/04
4533	P0285AJP	Thermal Conductivity Detector	Japan	Granted	2,683,012	1994/02/02	88103409,4	1988/03/04
4534	P0285AGB	Thermal Conductivity Detector	Great Britain	Granted	0281966	1994/02/02	88103409,4	1988/03/04
4535	P0335AJP	Detector For A Spectrometer	Europe	Granted	0316802	1994/04/06	88118828,8	1990/11/11
4536	P0335AJP	Detector For A Spectrometer	Australia	Granted	625,233	1992/10/26	25688/88	1990/11/18
4537	P0335AJP	Detector For A Spectrometer	Canada	Granted	1,321,898	1993/09/07	581,289	1990/10/26
4538	P0335AJP	Detector For A Spectrometer	France	Granted	0316802	1994/04/06	88118828,8	1990/11/11
4539	P0335AJP	Detector For A Spectrometer	Germany	Granted	P3888925,0	1994/04/06	88118828,8	1990/11/11
4540	P0335AJP	Detector For A Spectrometer	Italy	Granted	0316802	1994/04/06	88118828,8	1990/11/11
4541	P0335AJP	Detector For A Spectrometer	Japan	Granted	2,760,818	1994/03/20	2905338/8	1990/11/18
4542	P0335AGB	Detector For A Spectrometer	Great Britain	Granted	0316802	1994/04/06	88118828,8	1990/11/11

3729	P0335ANL	Detector For A Spectrometer	Netherlands	Granted	03/10/802	1994/04/05	188118022.8	1988/11/11
3772	P0301AA	Standardization Of Spectral Lines	United States	Granted	4,493,259	1990/01/09	072201.510	1988/06/02
3772	P0301AAU	Standardization Of Spectral Lines	Australia	Granted	616,324	1991/10/31	35873189	1989/06/01
3772	P0301ACA	Standardization Of Spectral Lines	Canada	Granted	1,325,528	1983/12/23	601,317	1989/05/31
3772	P0301AFR	Standardization Of Spectral Lines	France	Granted	0344782	1993/10/27	189109947.5	1989/06/01
3772	P0301AJP	Standardization Of Spectral Lines	Italy	Granted	0344782	1993/10/27	189109947.5	1989/06/01
3772	P0301AGB	Standardization Of Spectral Lines	Japan	Granted	02-51031	1993/10/27	138985649	1989/06/02
3804	P0262AP	Electrothermal Atomization Furnace For Spectroscopy	Great Britain	Granted	0244782	1993/10/27	89109947.5	1989/06/01
3804	P0262ADE	Electrothermal Atomization Furnace For Spectroscopy	Europe	Granted	0285687	1994/03/16	881098582.2	1989/06/16
3804	P0262ANL	Electrothermal Atomization Furnace For Spectroscopy	Germany	Granted	P3088401.1	1994/03/16	881098582.2	1989/06/16
3804	P0262AGB	Electrothermal Atomization Furnace For Spectroscopy	Netherlands	Granted	0293867	1994/03/16	881098582.2	1989/06/16
3809	P0300AJP	Monochromator Drift Compensation	Japan	Pending			150392048	1988/08/20
3809	P0300AIF	Monochromator Drift Compensation	Great Britain	Granted	0293867	1994/03/16	881098582.2	1989/06/16
3809	P0300AGB	Monochromator Drift Compensation	France	Granted	0344783	1994/03/02	89109948.3	1989/08/01
3809	P0300AUF	Monochromator Drift Compensation	Italy	Granted	0344783	1994/03/02	89109948.3	1989/08/01
4014	P0024AFR	Valve Locking Mechanism For Use In Chromatography	Great Britain	Pending			139398789	1989/08/02
4015	P0024ANL	Valve Locking And Sensor	France	Granted	2,243,411	1993/08/25	9107028.8	1991/04/04
4015	P0024AUF	Valve Locking And Sensor	Netherlands	Granted	0444498	1993/05/17	81102281.2	1991/02/18
4015	P0024AGB	Valve Locking And Sensor	Italy	Granted	0444498	1993/05/17	81102281.2	1991/02/18
4015	P0024AIF	Valve Locking And Sensor	Switzerland	Granted	0444498	1993/05/17	81102281.2	1991/02/18
4015	P0024AGH	Valve Locking And Sensor	United States	Granted	5,173,742	1992/12/22	07751,415	1991/08/28
4056	P0331AFR	Double Beam Detector System For Liquid Chromatography	Europe	Granted	0528541	1996/04/17	92114331.9	1992/08/21
4056	P0331ADE	Double Beam Detector System For Liquid Chromatography	Germany	Granted	P69209836.0	1996/04/17	92114331.9	1992/08/21
4056	P0331ANL	Double Beam Detector System For Liquid Chromatography	Netherlands	Granted	0528541	1996/04/17	92114331.9	1992/08/21
4056	P0331AIF	Double Beam Detector System For Liquid Chromatography	Italy	Granted	0528541	1996/04/17	92114331.9	1992/08/21
4056	P0331AGH	Double Beam Detector System For Liquid Chromatography	Switzerland	Granted	0528541	1996/04/17	92114331.9	1992/08/21
4067	P0330AIF	Inductively Coupled Plasma Generator	Germany	Granted	P69301852.2	1996/03/27	83106823.1	1993/04/28
4067	P0330AUF	Inductively Coupled Plasma Generator	Europe	Granted	0568920	1996/03/27	83106823.1	1993/04/28
4067	P0330ANL	Inductively Coupled Plasma Generator	France	Granted	0568920	1996/03/27	83106823.1	1993/04/28
4067	P0330AJP	Inductively Coupled Plasma Generator	Italy	Granted	0568920	1996/03/27	83106823.1	1993/04/28
4067	P0330AGB	Inductively Coupled Plasma Generator	Great Britain	Granted	0568920	1996/03/27	83106823.1	1993/04/28
4088	P0307AFR	Method And Apparatus For Comparing Spectra	United States	Granted	0535700	1994/05/03	92116913.2	1992/10/02
4088	P0307ANL	Method And Apparatus For Comparing Spectra	France	Granted	0535700	1994/05/03	92116913.2	1992/10/02
4088	P0307AIF	Method And Apparatus For Comparing Spectra	Netherlands	Granted	0535700	1994/05/03	92116913.2	1992/10/02
4088	P0307AGH	Method And Apparatus For Comparing Spectra	Switzerland	Granted	0535700	1994/05/03	92116913.2	1992/10/02
4088	P0307AGB	Method And Apparatus For Comparing Spectra	Great Britain	Granted	0535700	1994/05/03	92116913.2	1992/10/02
4088	P0307AGH	Method And Apparatus For Comparing Spectra	United States	Granted	4,895,443	1993/01/23	072208,936	1990/06/20
4088	P0307AGB	Method And Apparatus For Comparing Spectra	United States	Granted	02,804,800	1992/11/19	08109581.4	1988/06/20
4088	P0307AIF	Method And Apparatus For Comparing Spectra	Great Britain	Granted	802,098	1991/02/12	18174/88	1988/06/20
4088	P0307ANL	Method And Apparatus For Comparing Spectra	Australia	Granted	02,967,480	1992/11/19	08109581.4	1988/06/16
4088	P0307AFR	Method And Apparatus For Comparing Spectra	Europe	Granted	P20878018.5	1992/11/19	08109581.4	1988/06/16
4088	P0307AGB	Method And Apparatus For Comparing Spectra	Germany	Granted	0296480	1992/11/19	08109581.4	1988/06/16
4088	P0307AIF	Method And Apparatus For Comparing Spectra	Netherlands	Granted	2,633,628	1993/04/25	150082788	1988/06/20
4088	P0307ANL	Method And Apparatus For Comparing Spectra	Japan	Granted	4,896,358	1993/12/12	08109581.4	1988/06/20
4088	P0307AIF	Method And Apparatus For Comparing Spectra	United States	Granted	0335268	1993/07/12	89105263.1	1989/03/23
4088	P0307ANL	Method And Apparatus For Comparing Spectra	Italy	Granted	0335268	1993/07/12	89105263.1	1989/03/23
4088	P0307AIF	Method And Apparatus For Comparing Spectra	Netherlands	Granted	0335268	1993/07/12	89105263.1	1989/03/23
4088	P0307ANL	Method And Apparatus For Comparing Spectra	United States	Granted	4,985,826	1991/01/15	074862,245	1989/01/09
4088	P0307AIF	Method And Apparatus For Comparing Spectra	United States	Granted	5,328,638	1993/07/20	074823,631	1992/01/21
4088	P0307ANL	Method And Apparatus For Comparing Spectra	United States	Granted	5,315,528	1994/05/24	074801,990	1991/12/03
4088	P0307AIF	Method And Apparatus For Comparing Spectra	Great Britain	Granted	0528296	1988/09/02	92112375.8	1992/07/20
4088	P0307AGB	Method And Apparatus For Comparing Spectra	Germany	Published			94109891.5	1994/08/27
4088	P0307ANL	Method And Apparatus For Comparing Spectra	France	Published			94109891.5	1994/08/27
4088	P0307AGB	Method And Apparatus For Comparing Spectra	Great Britain	Published			94109891.5	1994/08/27

2166	P0087A	Fluid Flow Control Device	United States	Granted	4,354,932	1987/10/19	06/19/202	1989/10/15
4458	P0089A	Heater Control Circuit	United States	Granted	5,672,289	1987/09/30	08/59/410	1989/07/11
4435	P0066A	Apparatus For Controlling Level Of Dryogenic Liquid	United States	Granted	5,627,603	1987/09/30	08/56/435	1989/12/08
4431	P0064A	Dry Gas Control For Cryogenic Surface	United States	Granted	5,580,537	1987/09/30	08/52/455	1989/09/07
4430	P0050A	Calometer Having Rigid Coating Of A Heating Vessel Therein	United States	Granted	5,876,118	1986/09/02	08/56/285	1989/12/05
4411	P0049A	Gas Chromatographic System With Controlled Sample Transfer	United States	Granted	5,711,766	1986/01/27	08/34/689	1989/10/21
3522	P0200A	Flow Regulation In Gas Chromatograph	United States	Granted	6,545,252	1986/08/13	08/37/707	1989/02/01
4073	P0308AJP	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,981,530	1987/07/21	08/86/3770	1989/05/16
3136	P0288AEP	Differential Dielectric Analyzer	Japan	Pending			05-064842	1989/03/02
2856	P0276A	Detector Cell	Europe	Granted	0306288	1986/07/12	08106283.1	1989/02/23
2782	P0278A	Optical Coupling Device	United States	Granted	4,494,212	1985/10/15	06/62/4547	1989/07/06
2730	P0279A	Phenolmer System With Synchronous Check For Generation Of Ti	United States	Granted	4,345,478	1987/08/24	08/22/4783	1989/10/11
3136	P0298AJP	Multiport Valve In Gas Collection System And Method Of Use	United States	Granted	4,580,211	1988/07/22	06/68/0588	1989/12/12
3528	P0298BEP	Low Cost Detector Cell	Japan	Granted	2,042,337	1989/12/24	78/52/89	1989/03/31
4511	P0069C	Detector Cell For Liquid Chromatography	Europe	Published	0628574		84108752.8	1989/03/23
5015	P0343A	Monitoring Constituents Of An Aerial Organ Using Statistical Barcode Labeling Of AID Tubes	United States	Pending To File			09/479.842	2000/01/07
4479	P0064CH	Analyzing Spectrometric Date	Switzerland	Granted	0803475		971317174.9	1987/10/02
4479	P0064DE	Analyzing Spectrometric Date	Germany	Granted	0834725			
4479	P0064FR	Analyzing Spectrometric Date	France	Granted	0834725			
4479	P0064GB	Analyzing Spectrometric Date	Great Britain	Granted	0834725			
4479	P0064INT	Analyzing Spectrometric Date	Italy	Granted	0834725			
4479	P0064NLT	Analyzing Spectrometric Date	Netherlands	Granted	0834725			
2730	P0279AJP	Multiported Growth And Detection Strategy	Japan	Granted	1,638,829	1984/04/25	276131185	1985/12/12
4045	P0027ADE	Multiport Valve In Gas Collection System And Method Of Use	Germany	Granted	0560006		83100106.9	1989/07/07
4046	P0028ADE	Photodetector Amplifier Linearity	Germany	Granted	069709504	1987/04/09	93100102.8	1989/01/07
4076	P0039AAU	Absorbance Correction In Atomic Absorption Spectroscopy	Australia	Granted	654,088		2381482	
4137	P0039AAU	Grouping Of Spectral Bands For Data Acquisition	Australia	Granted	667,614		5767294	
4493	P0086AEP	Tunable External Cavity Diode Laser	Europe	Published			97838051.8	1987/07/28
4642	P0345A	Uses Of Hg Lines From Hg Lamp For Wavelength Standardization	United States	To File				
4641	P0015AJP	Low Cost Detector Cell	Japan	Granted	3,016,789	1989/12/24	78.752/89	1989/12/24
4641	P0346A	Uses Of Ne Lines For ICP Instrument Standardization	United States	To File			60/193,974	2000/03/31
5003	P0347A	Methods And Apparatus To Improve The Sensitivity	United States	Pending			60/193,519	2000/03/31
5006	P0348A	Apparatus And Methods For Bioluminescent Analytical Methods	United States	Pending				
	P0349A	Polymeric Sampling Straps						
	P0350A	Polymeric Reagent Pad						
	P0351A	Sampling Device For Use In Automated Methods						
3824	P0006A	Arc Spray Gun For Coating Confined Areas	United States	Granted	4,653,513	1988/08/01	07187,106	1989/04/28
3824	P0009ACA	Arc Spray Gun For Coating Confined Areas	United States	Granted	1,314,944	1989/03/23	697,286	1989/04/28
3824	P0009AJP	Arc Spray Gun For Coating Confined Areas	Canada	Granted	2,164,476	1989/06/25	1-104817	1989/04/28
3824	P0009AEP	Arc Spray Gun For Coating Confined Areas	Europe	Granted	0739650		85107688.1	1989/04/27
3824	P0009ACN	Arc Spray Gun For Coating Confined Areas	China	Granted	1039978			
3824	P0009ADE	Arc Spray Gun For Coating Confined Areas	Germany	Granted	68923645		89107688.1	1989/04/27
5000	P0032AJP	Padding Of The Torch Glassware	Japan	Pending				
5000	P0033A	Digital Gain Controlled Current to Voltage Amplifier	United States	Granted	4,659,877	1987/06/02	60/175,988	2000/01/13
3264	P0002A	Digital Gain Controlled Current to Voltage Amplifier	United States	Granted			06/704,386	1989/02/22
	P0328ACH	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0328ADE	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0328AFR	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0328AGB	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0328AINT	Detection Of Low Level Hydrophobic Analytes In Samples						
4590	P0073AWO	Autosampler Having Gripper With Shape Memory Metal Actuator	PCT	Pending			PCT/US00/03756	2000/02/14
	P0077B	Autosampler	United States	Pending			09/518,466	2000/03/03
	P0078A	Autosampler	Germany	Pending			689.14.870.2-08	1989/05/22
	P0079A	Autosampler	Australia	Pending			1757690	2000/02/18
	P0079BAU	Flow Regulation In Gas Chromatograph						

5026	P03833A	Fluid Conveying Device With Removable Connection	Italy	Pending					
5025	P03832A	Fluid Conveying Device With Removable Connection	France	Pending					
5024	P03831A	Fluid Conveying Device With Removable Connection	Germany	Pending					
5023	P03830A	Fluid Conveying Device With Removable Connection	Switzerland	Pending					
5022	P0379A	Self-Aligning Optical Fiber Terminator	PCT	Pending					
5021	P0378A	Non-Contacting Method of Cleaning Surfaces	United States	Granted	4,366,024	1990/04/13	PCT/J560/06897	2000/04/01	
5020	P0377A	Non-Contacting Method of Cleaning Surfaces	Canada	Granted	1,315,973	1993/04/13	587,885	1989/04/07	
5019	P0376A	Non-Contacting Method of Cleaning Surfaces	Europe	Granted	0324,435	1993/07/19	891,007,469	1989/01/10	
5018	P0375A	Non-Contacting Method of Cleaning Surfaces	Japan	Granted	1,225,125	1989/09/08	892,882	1989/01/11	
5017	P0374A	Non-Contacting Method of Cleaning Surfaces	Germany	Granted	6,890,422	1993/11/04	809,422	1989/07/10	
5016	P0373A	Non-Contacting Method of Cleaning Surfaces	United States	Granted	4,798,464	1993/01/17	06/038,868	1986/03/12	
5015	P0372A	Scanning Array Spectrophotometer	United States	Granted	5,131,611	1992/07/21	691,936	1991/04/26	
5014	P0371A	Method and Apparatus For Reactionless Rotation	Germany	Granted	683,320		P69514470.2		
5013	P0370A	Nebulizer	United Kingdom	Granted	693,320		693,320		
5012	P0369A	Nebulizer	Netherlands	Granted	693,320		693,320		
5011	P0368A	Method For Processing A Sample	Italy	Granted	0529,205	1993/09/02	92112375.8	1992/07/20	
5010	P0367A	Single Element Thermal Conductivity Detector	Japan	Granted	2,678,979				
5009	P0366A	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,952,858	1990/08/28	198,545	1988/05/18	
5008	P0365A	Microbiograph Apparatus	Europe	Granted	0347,639	1989/11/23	891049,644	1989/04/17	
5007	P0364A	Microbiograph Apparatus	Japan	Granted	2,035,709	1990/02/06	123,023	1989/05/18	
5006	P0363A	Microbiograph Apparatus	Canada	Granted	1,304,173	1992/06/23	599,723	1989/05/16	
5005	P0362A	Microbiograph Apparatus	Germany	Granted	6892,233	1993/02/08	623,233	1989/05/17	
5004	P0361A	Design Of A Device For Sampling A Surface To Collect	United States	To File					
5003	P0360A	Polymeric Carrier For Reagents	United States	To File					
5002	P0359A	Low Cost Internal Calibration Standard	United States	To File					
5001	P0358A	Dual Photoelectric Connection Of Background For Bioluminescence	Great Britain	Granted	2,100,094		9387/0372.9		
5000	P0357A	Atomic Absorption Spectrometer	Germany	Granted					
4999	P0356A	Gas Control Device For Controlling The Fuel Gas	United States	To File					
4998	P0355A	Conductive Coating To Eliminate Charge Effects And Reduce	United States	To File					
4997	P0354A	Salt-Check Swab And Swabbing Technique	United States	To File					
4996	P0353A	Dual Photoelectric Connection Of Background For Bioluminescence	United States	To File					
4995	P0352A	Salt-Check Detection Of Inhibitory Components	United States	To File					
4994	P0351A	Grouping Of Spectral Bands For Data Acquisition	Germany	Pending					
4993	P0350A	Device For Lighting A Flame In An Atomic Absorption Ectromet	Great Britain	Granted	2,180,328	1987/03/25	684 24 082 6-08	1986/09/10	
4992	P0349A	Device For Lighting A Flame In An Atomic Absorption Ectromet	Germany	Granted	P3532537.2	1987/03/19	P3532537.2	1985/09/12	
4991	P0348A	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	3529,547.3			1985/09/17	
4990	P0347A	Method For Measuring Absolute Values Of Thermal Conductivity	United States	Pending					
4989	P0346A	Method Of Detecting Organisms In A Sample	United States	Granted	5,902,722	1990/05/11	602/10,256	2000/06/08	
4988	P0345A	RH Compensation By NaIson Coatings Of Electrochemical	United States	Pending			008/865,574	1987/11/20	
4987	P0344A	Planar Electrochemical Gas Sensor	United States	To File					
4986	P0343A	Electrochemical Gas Sensor With Miniaturized Flow Channels	United States	To File					
4985	P0342A	Calibration-Free Electrochemical Sensor	United States	To File					
4984	P0341A	Electrochemical Sensor With Dry NaIson	United States	To File					
4983	P0340A	Integrated Electrochemical Gas Generator	United States	To File					
4982	P0339A	Prevention Of Flooding In Thick-Film Electrochemical Sensors	United States	To File					
4981	P0338A	RH Compensation For Electrochemical Sensors With Different	United States	To File					