

09-21-2000



PATENT
03141-P0132A WWW

IN THE UN

101464353

TRADEMARK OFFICE

Assignor:	Perkin Elmer Corporation
Assignee:	Perkin Elmer LLC
Patent No. 4,678,639	Issue Date: July 7, 1987
Title of Application:	Apparatus for Periodically Monitoring the Composition of a Plurality of Samples

Box Assignment
Assistant Commissioner for Patents
Washington, DC 20231

Assignment Recordation Form Cover Sheet

Dear Sir:

Please record the attached original document.

1. Name of conveying party(ies). Perkin Elmer Corporation.
2. Name and Address of Receiving Party. Perkin Elmer LLC, a Delaware Limited Liability Company, 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.

August 28, 2000


Danielle B. Dominici

09/20/2000 AWNED1 00000017 4678639
01 FC:581

40.00 OP

PATENT
REEL: 011077 FRAME: 0303

5. Patent Number: 4,678,639.
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

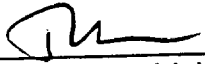
WHEREAS, Perkin Elmer LLC is desirous of recording its ownership of the patents and patent applications listed on the attached Exhibit A in the various Patent Offices throughout the world;

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 (NP)*)

By 

Name: Thomas Livingston

Title: ~~Assistant~~ Secretary

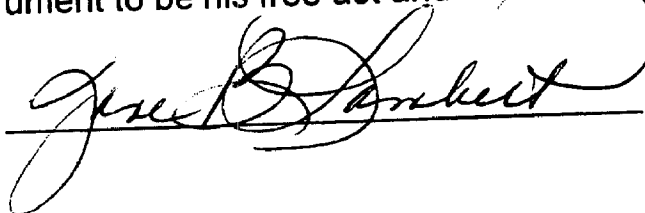
State of Connecticut

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		Exhibit A		Status		Registration		Issue		Serial		File	
Patent Number	Holder	Name	Country	Status	Registration Number	Issue Date	Serial Number	File Date					
0685	P00003ASE	Automatic Variable Filter For Use In Scanned Spectrometers	Sweden	Pending			11488-6	187306/23					
2103	P0004AJP	Flame Ionization Detector Status Indicator	Japan	Pending									
2357	P0005AJP	Detector Cell Assembly	Japan	Pending									
3602 (HWK/Unic/B)	P0008AJP	High Resolution Sampling Motor Drive	Japan	Pending			1609-48	187812/29					
3828	P0016AJP	Time Frequency Sliced Voltage-To-Frequency Converter System	Japan	Pending			60305/86	188804/23					
3908	P0018AJP	Circuit For Synchronizing Digital Signals	Japan	Pending			279489/87	188771/06					
3973	P0019ADE	Application Of Kalman Filtering To ICP Spectra	Germany	Granted			02-205946	189009/02					
3884	P0020ADE	Quadrupole Mass Filter For Charged Particles	Germany	Pending			P4100046.3	189109/03					
4014	P0021AJP	3 Point Banding Measuring System	Japan	Pending			P3927768.2	189808/23					
4014	P0022ADE	Pumpout Monitoring Mechanism For Use In Chromatography	Germany	Allowed			2-304227	189801/13					
4015	P0023ACA	Pumpout Monitoring Mechanism For Use In Chromatography	Germany	Pending			P4110763.2	189104/03					
4015	P0024ACA	Vial Loader And Sensor	Japan	Granted			3-057380	2000/04/21					
4037	P0025AJP	Vial Loader And Sensor	Canada	Pending									
4037	P0025AJP	Circuit For Heating And Sensing With A Single Element	Japan	Pending			5-104180	1993/09/30					
4045	P0027ACA	Standardizing And Calibrating A Spectrometric Instrument	Europe	Granted			0498063						
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument	Canada	Granted			4,310,830						
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument	Europe	Pending			560,006						
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument	Japan	Granted			6,082,307						
4046	P0028ACA	Photodetector Amplifier Linearity	Korea	Granted			1837/83	2000/03/14					
4046	P0028AJP	Photodetector Amplifier Linearity	Canada	Pending									
4067	P0030AJP	Photodetector Amplifier Linearity	Japan	Granted			6-88745	1984/03/29					
4070	P0031AJP	Inductively Coupled Plasma Generator	Korea	Granted			247,171	1988/12/10					
4076	P0033ADE	Single Element Thermal Conductivity Detector	Japan	Pending			5-223771						
4091	P0035ADE	Absorbance Correction In Atomic Absorption Spectroscopy	Germany	Pending				1883/08/01					
4126	P0035AJP	Method And Apparatus For Heating A Thermionic Diode For	Germany	Pending				P4231767.8	1882/12/01				
4133	P0037AJP	Sampling Conditioning Method And Apparatus	Japan	Granted			5-256822	1983/10/08					
4133	P0038ADE	Optical Switching Apparatus With Retrospect	Europe	Pending									
4137	P0038AJP	Optical Switching Apparatus With Retrospect	Germany	Pending									
4137	P0038ACA	Grouping Of Spectral Bands For Data Acquisition	Japan	Granted			7,287,178						
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition	Canada	Granted									
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition	Europe	Allowed			0815116	2000/04/26					
4317	P0041ACA	Hybrid Varying System For Varying Fluid Flow Rate	Japan	Granted			6,300,828						
4317	P0041AJP	Hybrid Varying System For Varying Fluid Flow Rate	Canada	Allowed									
4317	P0041AJP	Hybrid Varying System For Varying Fluid Flow Rate	Europe	Granted			0636859	2000/04/27					
4388	P0042AJP	Hybrid Varying System For Varying Fluid Flow Rate	Japan	Granted			7,010,032						
4389	P0042AJP	Hybrid Varying System For Varying Fluid Flow Rate	Europe	Published			0893320						
4389	P0042AJP	Nebulizer	Japan	Pending									
4389	P0044AJP	Optical Spectrometer For Detecting Spectra In Separate Range	Austria	Pending									
4389	P0044AJP	Optical Spectrometer For Detecting Spectra In Separate Range	Europe	Granted			713,793	1996/05/24					
4389	P0045AJP	Optical Spectrometer For Detecting Spectra In Separate Range	Japan	Pending			0744598						
4389	P0045AJP	Apparatus And Method For Differential Analysis Using Signals	Europe	Pending			0763196						
4389	P0045AJP	Apparatus And Method For Differential Analysis Using Signals	Europe	Pending			0803061						
4389	P0045AJP	Apparatus And Method For Differential Analysis Using Signals	Japan	Pending									
4389	P0045AJP	Apparatus And Method For Differential Analysis Using Signals	Japan	Pending									
4389	P0045AJP	Apparatus And Method For Differential Analysis Using Signals	Australia	Granted			710,068	2000/01/20					
4389	P0045AJP	Spectrometer With Selectable Radiation From Light Source	Japan	Pending									
4411	P0047AJP	Spectrometer With Selectable Radiation From Light Source	Europe	Pending			0703324						
4411	P0047ACA	Flow Regulation In Gas Chromatograph	Australia	Allowed									
4411	P0047AJP	Flow Regulation In Gas Chromatograph	Canada	Pending									
4411	P0047AJP	Flow Regulation In Gas Chromatograph	Europe	Pending			0730151						

4411	P0047AJP	Flow Regulation In Gas Chromatograph	Japan	Pending	0851572	1986/03/01	45151066	1986/03/01
4412	P0048AEP	Solid State Inductively Coupled Plasma Generator	Europe	Pending	0851572	1986/03/01	97121884.5	1987/12/12
4413	P0049AJP	Solid State Inductively Coupled Plasma Generator	Japan	Published	10000481	1989/01/05	10000481	1989/01/05
4414	P0049AEP	Gas Chromatographic System With Controlled Sample Transfer	Europe	Pending	0770488	1986/10/23	96117016.4	1986/10/23
4415	P0050AJP	Gas Chromatographic System With Controlled Sample Transfer	Japan	Pending	0770488	1986/10/23	96117016.4	1986/10/23
4416	P0050AEP	Calorimeter Having Rapid Cooling Of A Heating Vessel Therein	Europe	Granted	0770488	1987/06/11	96119387.7	1986/12/03
4417	P0050AJP	Calorimeter Having Rapid Cooling Of A Heating Vessel Therein	Japan	Granted	0770488	1987/07/11	12855206	1986/12/03
4418	P0051AEP	Thermal Insulating Container For Liquefied Gas	Europe	Published	96113491.3	1986/08/22	96113491.3	1986/08/22
4419	P0051AJP	Thermal Insulating Container For Liquefied Gas	Japan	Pending	0770439	1986/12/03	96118345.1	1986/12/03
4420	P0052AEP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Europe	Pending	0770439	1986/12/03	96118345.1	1986/12/03
4421	P0052AJP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Japan	Pending	0770439	1986/12/03	96118345.1	1986/12/03
4422	P0053AEP	Fluid Conveying Device With Removable Connection	Europe	Published	0762033	2000/06/14	96113480.5	1986/10/06
4423	P0053AJP	Fluid Conveying Device With Removable Connection	Japan	Pending	0762033	2000/06/14	96113480.5	1986/10/06
4424	P0054AEP	Dry Gas Curtain For Cryogenic Surface	Europe	Pending	0762034	1986/10/06	96110336.2	1986/10/06
4425	P0054AJP	Dry Gas Curtain For Cryogenic Surface	Japan	Pending	0762034	1986/10/06	96110336.2	1986/10/06
4426	P0055AEP	Standardizing A Spectrometric Instrument	Europe	Pending	6,049,762	2000/04/11	97122558.6	1987/12/19
4427	P0055AJP	Standardizing A Spectrometric Instrument	Japan	Pending	6,049,762	2000/04/11	97122558.6	1987/12/19
4428	P0056AEP	Apparatus For Controlling Level Of Cryogenic Liquid	Europe	Granted	0851219	1987/12/19	96118206.9	1986/12/03
4429	P0056AJP	Apparatus For Controlling Level Of Cryogenic Liquid	Japan	Pending	0851219	1987/12/19	96118206.9	1986/12/03
4430	P0057AEP	Standardizing Between Analytical Instruments	Europe	Pending	0851219	1987/12/19	97122551.1	1987/12/19
4431	P0057AJP	Standardizing Between Analytical Instruments	Japan	Pending	0851219	1987/12/19	97122551.1	1987/12/19
4432	P0058AEP	Standardizing Of Chromatographic Systems	Europe	Pending	0870712	1986/05/18	96108041.6	1986/05/18
4433	P0058AJP	Standardizing Of Chromatographic Systems	Japan	Granted	5,358,245	1989/08/28	98073,080	1989/05/14
4434	P0059AEP	Heater Control Circuit	Europe	Pending	0870712	1986/05/18	96108041.6	1986/05/18
4435	P0059AJP	Heater Control Circuit	Japan	Pending	0870712	1986/05/18	96108041.6	1986/05/18
4436	P0060AEP	Mounting Apparatus For Induction Coupled Plasma Torch	Europe	Granted	0870712	1986/05/18	96108041.6	1986/05/18
4437	P0060AJP	Mounting Apparatus For Induction Coupled Plasma Torch	Japan	Pending	0870712	1986/05/18	96108041.6	1986/05/18
4438	P0061AEP	Ion Detector, Detector Array And Instrument Using Same	Europe	Pending	0868784	1986/10/20	97920359.3	1986/10/20
4439	P0061AJP	Ion Detector, Detector Array And Instrument Using Same	Japan	Pending	0868784	1986/10/20	97920359.3	1986/10/20
4440	P0062AEP	Analyzing Spectrometric Data	Europe	Pending	0864725	1987/10/02	9711774.9	1987/10/02
4441	P0062AJP	Analyzing Spectrometric Data	Japan	Pending	0864725	1987/10/02	9711774.9	1987/10/02
4442	P0063AEP	Analyzing Spectrometric Data	Europe	Granted	6,028,115	2000/01/22	980840,576	1987/09/30
4443	P0063AJP	Analyzing Spectrometric Data	Japan	Granted	6,028,115	2000/01/22	980840,576	1987/09/30
4444	P0064AEP	Self Aligning Optical Fiber Terminator	Europe	Pending	09285,262	1989/04/02	99707,728	1989/04/02
4445	P0064AJP	Self Aligning Optical Fiber Terminator	Japan	Pending	09285,262	1989/04/02	99707,728	1989/04/02
4446	P0065AEP	Tunable External Cavity Diode Laser	Europe	Pending	2,261,036	1987/07/28	97115653.4	1987/07/28
4447	P0065AJP	Tunable External Cavity Diode Laser	Japan	Pending	2,261,036	1987/07/28	97115653.4	1987/07/28
4448	P0066AEP	Buckling System For Gas Chromatography	Europe	Pending	0828717	1987/09/16	97115653.4	1987/09/16
4449	P0066AJP	Buckling System For Gas Chromatography	Japan	Pending	0828717	1987/09/16	97115653.4	1987/09/16
4450	P0067AEP	Method And Apparatus To Compensate For Gas Chromatography	Europe	Pending	0872732	1986/04/15	98106822.4	1986/04/15
4451	P0067AJP	Method And Apparatus To Compensate For Gas Chromatography	Japan	Pending	0872732	1986/04/15	98106822.4	1986/04/15
4452	P0071AEP	Autosampler	Europe	Pending	5,240,784	1989/04/05	60122,892	1989/04/05
4453	P0071AJP	Autosampler	Japan	Pending	5,240,784	1989/04/05	60122,892	1989/04/05
4454	P0072AEP	Absorbance Correction In Atomic Absorption Spectroscopy	Europe	Granted	1,361,134	1987/01/20	04-346133	1987/12/02
4455	P0072AJP	Absorbance Correction In Atomic Absorption Spectroscopy	Japan	Granted	1,361,134	1987/01/20	04-346133	1987/12/02
4456	P0073AEP	Regulated Deuterium Arc System Supply	Europe	Granted	0254326	1987/01/20	87110775.1	1987/07/24
4457	P0073AJP	Regulated Deuterium Arc System Supply	Japan	Granted	0254326	1987/01/20	87110775.1	1987/07/24
4458	P0074AEP	Apparatus And Method For Differential Analysis Using Signals	Europe	Pending	6,548,387	1986/08/27	980267,697	1986/08/27
4459	P0074AJP	Apparatus And Method For Differential Analysis Using Signals	Japan	Granted	6,548,387	1986/08/27	980267,697	1986/08/27
4460	P0075AEP	3 Point Bending Measuring System	Europe	Granted	0428010	1984/06/01	90120359.5	1984/10/31
4461	P0075AJP	3 Point Bending Measuring System	Japan	Granted	0428010	1984/06/01	90120359.5	1984/10/31
4462	P0076AEP	Optical Switching Apparatus With Retroreflector	Europe	Granted	5,441,631	1986/01/02	08201,848	1984/02/25
4463	P0076AJP	Optical Switching Apparatus With Retroreflector	Japan	Granted	5,441,631	1986/01/02	08201,848	1984/02/25
4464	P0077AEP	Grouping Of Spectral Bands For Data Acquisition	Europe	Granted	6,412,458	1985/05/02	08024,515	1983/03/09
4465	P0077AJP	Grouping Of Spectral Bands For Data Acquisition	Japan	Pending	6,412,458	1985/05/02	22320440	1980/02/26
4466	P0078AEP	Deposited Glass Etchings	Europe	Granted	2,280,025	1986/01/21	9412352.6	1984/06/20
4467	P0078AJP	Deposited Glass Etchings	Japan	Granted	2,280,025	1986/01/21	9412352.6	1984/06/20
4468	P0079AEP	Photometric Instrument With Optical Fibers For Analyzing	Europe	Granted	1,986,0121	1986/01/21	9412352.6	1984/06/20
4469	P0079AJP	Photometric Instrument With Optical Fibers For Analyzing	Japan	Granted	1,986,0121	1986/01/21	9412352.6	1984/06/20
4470	P0080AEP	Ion Detector, Detector Array And Instrument Using Same	Europe	Granted	1,986,0121	1986/01/21	9412352.6	1984/06/20
4471	P0080AJP	Ion Detector, Detector Array And Instrument Using Same	Japan	Granted	1,986,0121	1986/01/21	9412352.6	1984/06/20

4472	P0063A	Ion Detector, Detector Array And Instrument Using Same	United States	Pending		09/180,367	1998/11/03
4483	P0066B	Tunable External Cavity Diode Laser	United States	Pending		09/220,499	1998/11/03
2714	P0094EP	Solvent Delivery System	Europe	Granted	0083171	1994/04/13	1992/12/17
2714	P0094FR	Solvent Delivery System	France	Granted	0086171	1994/04/13	1992/12/17
2714	P0094DE	Solvent Delivery System	Germany	Granted	P3276327.2	1994/04/13	1992/12/17
2714	P0094NL	Solvent Delivery System	Netherlands	Granted	0085171	1994/04/13	1992/12/17
2714	P0094JP	Solvent Delivery System	Japan	Granted	1,764,707	1993/05/28	1992/12/17
2714	P0094SE	Solvent Delivery System	Sweden	Granted	0086171	1994/04/13	1992/12/17
2714	P0094CH	Solvent Delivery System	Switzerland	Granted	0085171	1994/04/13	1992/12/17
2714	P0094GB	Solvent Delivery System	Great Britain	Granted	0085171	1994/04/13	1992/12/17
2766	P0094FR	Spectrophotometer Gas Control System	United States	Granted	4,556,367	1995/12/03	06/632,759
2766	P0097ACB	Fluid Flow Control Device	France	Granted	0068204	1993/08/16	1991/08/25
2851	P0094DE	Optical Beam Splitter	Germany	Granted	2,085,614	1994/09/20	1992/10/25
2851	P0094JP	Optical Beam Splitter	Japan	Granted	P3265483.6	1993/08/21	1992/10/25
2851	P0094CH	Optical Beam Splitter	Switzerland	Granted	1,792,015	1993/10/14	1992/10/25
2851	P0094GB	Optical Beam Splitter	Great Britain	Granted	0059836	1995/08/21	1992/10/25
2851	P0094A	Optical Beam Splitter	United States	Granted	4,487,417	1994/12/11	06/470,427
2873	P0094DE	Apparatus Useful With A Chromatography Column	Germany	Granted	P3273942.0	1996/10/16	82106508.1
2873	P0094CH	Apparatus Useful With A Chromatography Column	Switzerland	Granted	1,007,668	1996/10/16	82106508.1
2772	P0100ADE	Apparatus And Method Useful For Analyzing Refractory Substances	Germany	Granted	3,205,580	1993/05/13	3305,540
2772	P0100JP	Apparatus Useful For Analyzing Refractory Substances	Japan	Granted	1,876,561	1992/06/26	2218/282
2780	P0101A	Apparatus Useful For Positioning A Light Filter	United States	Granted	4,400,354	1993/08/23	06/285,781
2876	P0102AEP	Control Circuit For Liquid Chromatograph	United States	Granted	4,419,675	1993/12/06	06/289,305
2876	P0102AFR	Control Circuit For Liquid Chromatograph	France	Granted	0085172	1997/11/11	82111720.7
2876	P0102ADE	Control Circuit For Liquid Chromatograph	Germany	Granted	P3277646.9	1997/11/11	82111720.7
2876	P0102AJP	Control Circuit For Liquid Chromatograph	Japan	Granted	0085172	1997/11/11	82111720.7
2876	P0102ASE	Control Circuit For Liquid Chromatograph	Sweden	Granted	1,755,762	1993/04/23	10881763
2876	P0102ACH	Control Circuit For Liquid Chromatograph	Switzerland	Granted	0085172	1997/11/11	82111720.7
2876	P0102AGB	Control Circuit For Liquid Chromatograph	Great Britain	Granted	0085172	1997/11/11	82111720.7
2876	P0102A	Spectrophotometer	United States	Granted	4,450,574	1994/05/22	081543,805
2899	P0103ADE	Spectrophotometer	France	Granted	0087568	1997/01/07	83100498.9
2899	P0103AGB	Spectrophotometer	Germany	Granted	P3368984.9	1997/01/07	83100498.9
2899	P0103A	Spectrophotometer	Great Britain	Granted	0087566	1997/01/07	83100498.9
2899	P0104AFR	Liquid Level Sensor	United States	Granted	4,464,051	1994/08/07	06/254,254
2899	P0104ADE	Liquid Level Sensor	France	Granted	0128,120	1994/08/17	84106228.4
2899	P0104ACH	Liquid Level Sensor	Germany	Granted	P3473509.7	1994/08/17	84106228.4
2899	P0104AGB	Liquid Level Sensor	Switzerland	Granted	0128,120	1994/08/17	84106228.4
2899	P0104A	Liquid Level Sensor	Great Britain	Granted	0128,120	1994/08/17	84106228.4
2899	P0105A	Control Circuit For Stepper Motor	United States	Granted	4,532,799	1995/09/06	081506,232
2907	P0105ADE	L.C. Sample Cell	United States	Granted	4,417,168	1993/11/22	06134,247
2907	P0105AJP	L.C. Sample Cell	Japan	Granted	3,872,537.0	1995/09/23	3572,537
2907	P0105ASE	Sample Cell Temperature Stabilizer	Sweden	Granted	1,928,835	1995/05/12	18414/45
2907	P0105ACH	Sample Cell Temperature Stabilizer	Switzerland	Granted	01541782	1995/08/23	85100947.2
2907	P0105AGB	L.C. Sample Cell	Great Britain	Granted	01541782	1995/08/23	85100947.2
2907	P0105A	Sample Cell Temperature Stabilizer	United States	Granted	4,596,765	1996/08/23	85100947.2
2907	P0105A	Furnace Positioning Mechanism	Australia	Granted	561,564	1997/05/14	18414/45
2907	P0105A	Furnace Positioning Mechanism	Germany	Granted	P3376594.5	1998/11/20	83107109.4
2907	P0105A	The Use Of Thin Down Soda Glass Coated To Protect From Contact	Italy	Granted	0101982	1998/11/20	83107109.4
2907	P0105A	Ship Churn Assembly	Great Britain	Granted	0101982	1998/11/20	83107109.4
2907	P0105A	Ship Churn Assembly	Europe	Granted	0133226	1998/03/20	84100028.6

3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Japan	Granted	2,131,945	1986/04/12		1984/03/09
3173	P0123ACH	Compensator Plate Adjustment For Beam Splitter	Switzerland	Granted	913,726	1981/10/123	64109507.8	1984/03/09
3173	P0123AGB	Compensator Plate Adjustment For Beam Splitter	Great Britain	Granted	0137208	1981/10/123	64109507.8	1984/03/09
3173	P0123A	Assembly For Adjusting An Optical Element	United States	Granted	4,735,505	1988/04/05	069527.885	1983/08/28
3175	P0124ABE	Purge Shutter Mechanism	Belgium	Granted	0,144,539	1989/04/08		
3175	P0124ADE	Purge Shutter Mechanism	Germany	Granted	347,931.3	1988/04/08		
3175	P0124ANL	Purge Shutter Mechanism	Netherlands	Granted	0144539	1989/04/08		
3175	P0124AJP	Purge Shutter Mechanism	Italy	Granted	0144539	1989/04/08		
3175	P0124ACH	Purge Shutter Mechanism	Japan	Granted	1,772,551	1989/07/14		
3175	P0124A	Purge Shutter Mechanism	Switzerland	Granted	0144539	1988/03/09		
3175	P0125AEP	Digital Control For Rapid Refill Of A Liquid Chromatograph	United States	Granted	4,603,835	1985/08/05	081549.952	1983/11/08
3175	P0125AFR	Digital Control For Rapid Refill Of A Liquid Chromatograph	Europe	Granted	0194450	1981/01/23	85101823	1988/02/07
3175	P0125ADE	Digital Control For Rapid Refill Of A Liquid Chromatograph P	France	Granted	0194450	1981/01/23		
3175	P0125ANL	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Germany	Granted	367,7029.8	1981/01/23	367,7029	1981/01/23
3175	P0125AJP	Digital Control For Rapid Refill Of A Liquid Chromatograph	Netherlands	Granted	0194450	1981/01/23		
3175	P0125ASE	Digital Control For Rapid Refill Of A Liquid Chromatograph	Italy	Granted	0194450	1981/01/23		
3175	P0125AGB	Digital Control For Rapid Refill Of A Liquid Chromatograph	Japan	Granted	1,979,685	1985/10/17		
3175	P0125ACH	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Sweden	Granted	0194450	1981/01/23		
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Switzerland	Granted	0194450	1981/01/23		
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Great Britain	Granted	0194450	1981/01/23		
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	United States	Granted	4,643,649	1981/01/23		
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	France	Granted	0158173	1985/11/02	667,700.765	1985/02/11
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Germany	Granted	1,976,664	1985/11/02	65103202	1985/03/19
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Japan	Granted	1,976,664	1985/11/02	357,4050	1989/11/02
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Great Britain	Granted	0158173	1985/11/02		
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	United States	Granted	4,621,899	1986/11/11	061598.768	1984/07/08
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Europe	Granted	0184482	1982/08/19	85305198.9	1985/07/22
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	France	Granted	0184482	1982/08/19	85305198.9	1985/07/22
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Germany	Granted	0184482	1982/08/19	85305198.9	1985/07/22
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Netherlands	Granted	0184482	1982/08/19	85305198.9	1985/07/22
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Japan	Granted	1,894,488	1985/01/23	279,392.85	1985/12/19
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Switzerland	Granted	0184482	1982/08/19	85305198.9	1985/07/22
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Great Britain	Granted	0184482	1982/08/19	85305198.9	1985/07/22
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	United States	Granted	4,740,685	1988/04/26	067,787.563	1985/07/22
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Europe	Granted	4,609,810	1982/05/20	068,824.313	1984/06/26
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	France	Granted	0161493	1982/05/20	84104441	1985/04/12
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Germany	Granted	0161493	1982/05/20	85104441.2	1985/04/12
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Netherlands	Granted	0161493	1982/05/20	85104441.2	1985/04/12
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Japan	Granted	2,574,045	1989/01/27	158,565.94	1985/05/07
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Switzerland	Granted	0161493	1982/05/20	85104441.2	1985/04/12
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Great Britain	Granted	0161493	1982/05/20	85104441.2	1985/04/12
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	United States	Granted	4,587,014	1986/05/06	066,507.878	1984/05/07
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Europe	Granted	0282043	1986/05/06		
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	France	Granted	0155496	1989/10/102	85101457	1985/02/11
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Germany	Granted	4,785,257	1989/10/102	07/024,237	1987/02/10
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Japan	Granted	0155496	1989/10/102	3580891	1989/10/102
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Switzerland	Granted	2,111,798	1986/03/22	6109093	1985/02/28
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Great Britain	Granted	5,108,187	1992/04/28	077,22,393	1989/06/19
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	United States	Granted	4,623,940	1986/12/16	065,85,807	1984/03/02
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Europe	Granted	06580751	1988/08/05		
3175	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	France	Granted	06580751	1988/08/05		

4314	P0245ADE	Correction Of Spectra For Steady Radiation	Germany	Granted	6941222.1	1989/04/05		
3258	P0132AEP	Multiple Streams Sampling System	Europe	Granted	0154186	1991/09/25		
4314	P0245AJP	Correction Of Spectra For Steady Radiation	Japan	Granted	0154186	1991/09/25		
3258	P0132ADE	Multiple Streams Sampling System	Germany	Pending			31368994	1994/12/16
4314	P0245ASE	Multiple Streams Sampling System	Germany	Granted	3594175.3	1991/09/25		
3258	P0245AGB	Correction Of Spectra For Steady Radiation	Sweden	Granted	0154186	1991/09/25		
4314	P0132ACH	Multiple Streams Sampling System	Great Britain	Granted	0658751	1991/04/25	64119676.4	1994/12/16
3258	P0245A	Correction Of Spectra For Steady Radiation	Switzerland	Granted	0154186	1991/04/25		
3258	P0132A	Apparatus For Periodically Monitoring Composition of Samples	United States	Granted	5428558	1995/04/27	004166000	1997/12/17
3258	P0132A	Synchronous Wavelength Drive And Data Acquisition Conversion	United States	Granted	4578639	1987/07/07	06588787	1994/03/02
3258	P0132A	Safety Apparatus for an Atomic Absorption Spectro Burner	United States	Granted	4660977	1987/04/28	067704344	1987/02/22
3258	P0132A	Self-Spraying Lampholder	United States	Granted	4660977	1987/02/04	06670711	1984/11/13
3307	P0130AEP	Programmed Temperature Control Of A Thermal System	Europe	Granted	4597034	1986/06/24	06670715	1984/11/13
3307	P0130AEP	Programmed Temperature Control Of A Thermal System	France	Granted	0184283	1991/12/04	85305185.1	1985/07/22
3307	P0130ADE	Programmed Temperature Control Of A Thermal System	Germany	Granted	0184283	1991/12/04	85305185.1	1985/07/22
3307	P0130ANL	Programmed Temperature Control Of A Thermal System	Netherlands	Granted	0184283	1991/12/04	85305185.1	1985/07/22
3307	P0130AJP	Programmed Temperature Control Of A Thermal System	Japan	Granted	0184283	1991/12/04	85305185.1	1985/07/22
3307	P0130ACH	Programmed Temperature Control Of A Thermal System	Switzerland	Granted	0184283	1991/12/04	85305185.1	1985/07/22
3307	P0130AGB	Programmed Temperature Control Of A Thermal System	Great Britain	Granted	4752218	1986/06/21	06670715	1984/11/13
3309	P0139A	Ionization Detectors for Gas Chromatography	United States	Granted	4637441	1988/06/06	06922586	1984/10/24
3312	P0140ADE	Linearized Ultra-Low Noise Mic Preamp	Great Britain	Granted	2183897	1990/07/11	85287656	1984/10/20
3312	P0140AJP	Detector Preamp/Off	Japan	Granted	3605408	1995/05/24	3605408	1986/02/20
3312	P0140A	Detector Preamp/Off for Use with a MCT Detector	Great Britain	Granted	2068543	1996/07/10	3540946	1986/02/21
3313	P0256ADE	Optical Beam Switching Apparatus	United States	Granted	2171512	1989/01/25	86019999	1986/01/28
2445	P0256AJP	Optical Beam Switching Apparatus	United States	Granted	4682022	1987/07/21	067704355	1984/11/13
2445	P0256AGB	Optical Beam Switching Apparatus	Germany	Granted	P2228145	1987/09/10	2828145	1976/06/27
3321	P0143A	System for Changing Ordinates in a Spectrophotometer	Great Britain	Granted	115127	1986/02/03		
2515	P0257AJP	Phase Synchronization Apparatus	United States	Granted	1598248	1976/05/20		
2515	P0257A	Phase Synchronization Apparatus	Japan	Granted	4571172	1986/02/16	06670713	1984/11/13
2646	P0258AJP	Method And Apparatus For Determining The Nature Of An Unknown	Great Britain	Granted	1711151	1992/11/11	8624082	1984/10/26
2646	P0258AGB	Apparatus And Method for Determining The Nature Of An Unknown	United States	Granted	2092288	1984/06/22	161317076	1984/10/21
2780	P0101AJP	Apparatus Useful For Positioning A Light Filter	Japan	Granted	4386852	1983/06/07	066229683	1984/10/29
3331	P0144AJP	Solvent Presaturating & Degassing System	Great Britain	Granted	2070235	1982/06/12	16753281	1984/10/26
3331	P0144A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Australia	Granted	584477	1984/02/01	010308084	1984/10/22
3331	P0144ADE	Solvent Presaturating & Degassing System	France	Granted	0179349	1989/05/24		
3331	P0144ANL	Solvent Presaturating & Degassing System	Europe	Pending				
3331	P0144AJP	Solvent Presaturating & Degassing System	Germany	Granted	3570527.2	1988/05/24	90101324.3	1990/01/23
3331	P0144ACH	Solvent Presaturating & Degassing System	Netherlands	Granted	0179349	1989/05/24	3570527	1988/05/24
3331	P0144AGB	Solvent Presaturating & Degassing System	Switzerland	Granted	0179349	1989/05/24		
3331	P0144A	Solvent Presaturating System	Great Britain	Granted	0179349	1988/05/24		
6037E	P0280AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4541452	1985/09/17	06670713	1984/10/10
3365	P0145AEP	Ionization Detectors For Gas Chromatography	Japan	Pending	3063832	2000/04/07	199000116	1990/04/16
3365	P0145ADE	Ionization Detectors For Gas Chromatography	Europe	Granted	0249714	1992/06/17	871057139	1987/04/16
3365	P0145AJP	Ionization Detectors For Gas Chromatography	France	Granted	0249714	1992/06/17	871057139	1987/04/16
3365	P0145AGB	Ionization Detectors For Gas Chromatography	Germany	Granted	0249714	1992/06/17	871057139	1987/04/16
3365	P0145ANL	Ionization Detectors For Gas Chromatography	Netherlands	Granted	P3778816.8	1992/06/17	1987/04/16	1987/04/16
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Canada	Granted	0249714	1992/06/17	871057139	1987/04/16
3365	P0145ASE	Ionization Detectors For Gas Chromatography	Italy	Granted	2007782	2000/10/14	2007782	1990/01/15
3365	P0145AGB	Ionization Detectors For Gas Chromatography	Sweden	Granted	0249714	1992/06/17	871057139	1987/04/16
3365	P0145A	Ionization Detectors For Gas Chromatography	Great Britain	Granted	0249714	1992/06/17	871057139	1987/04/16
4369	P0042AJP	Ionization Detectors For Gas Chromatography	United States	Granted	4873062	1989/10/17	07004010	1987/07/10
		Nebulizer	Australia	Granted	707363	1999/07/08	2501195	1999/07/14

3309	P0164AEP	Automatic Optimization Procedure	Europe	Granted	0192201	1992/07/28	63944/86	1986/02/20
3368	P0164AAU	Automatic Optimization Procedure	Australia	Granted	586,853	1990/07/27	53944/86	1986/02/20
3369	P0164ACA	Automatic Optimization Procedure	Canada	Granted	1,271,342	1990/07/10	500,841	1986/07/31
3369	P0164ADE	Automatic Optimization Procedure	Germany	Granted	3606175.8	1992/07/28		
3369	P0164ANL	Automatic Optimization Procedure	Netherlands	Granted	0192201	1992/07/28		
3369	P0164AT	Automatic Optimization Procedure	Italy	Granted	0192201	1992/07/28		
3369	P0164AJP	Automatic Optimization Procedure	Japan	Granted	1,911,192	1990/03/09	35408/86	1986/02/21
3369	P0165AJP	Automatic Optimization Procedure	Japan	Granted	0192201	1992/07/28		
3369	P0165ACH	Automatic Optimization Procedure	Switzerland	Granted	4,689,764	1987/08/25	087704,358	1985/02/21
3369	P0166A	Optimization Apparatus and Procedure	United States	Granted	502,261	1989/03/16	60858/86	1986/05/07
3378	P0199AAU	Atomic Absorption Spectrometer	Australia	Granted	2,118,078	1986/12/06		
3378	P0199AJP	Atomic Absorption Spectrometer	Japan	Granted	4,991,960	1991/02/12	06883,766	1986/08/06
3378	P0199A	Atomic Absorption Spectrometer	United States	Granted	2,016,021	1986/02/19	191781/86	1986/08/16
3377	P0200AJP	Gas Control Device For Controlling The Fuel Gas Around The Corner Adjustment Device	Japan	Granted	4,089,324	1987/08/02	06883,263	1986/04/17
3377	P0203A	Burner Assembly For Atomic Absorption Spectrometer	United States	Granted	4,776,694	1988/10/11	06932,957	1986/11/19
3377	P0147AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Japan	Granted				
3404	P0175A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	5,063,621	1991/10/01	07616,123	1990/11/18
3408	P0262A	Electrothermal Atomization Furnace For Spectroscopy	United States	Granted	4,917,493	1990/04/17	07205,648	1984/08/16
3428	P0018A	Synchronization Of Digital Signals With Alternating Current	United States	Granted	4,861,207	1990/10/02	07388,150	1990/08/02
4014	P0023A	Pumpjet Homing Mechanism For Use In Chromatography	United States	Granted	5,360,586	1996/11/01	07504,826	1990/04/06
4070	P0031A	Single Element Thermal Conductivity Detector	United States	Granted	5,265,459	1993/11/20	07748,548	1991/08/22
4037	P0025A	Circuit For Heating And Sensing With A Single Element	United States	Granted	5,098,196	1992/03/24	07637,392	1991/10/20
2695	P0261AAU	Optical Coupling Device	Australia	Granted	542,372	1985/02/21	76977/81	1981/10/20
2695	P0261ADE	Optical Coupling Device	Germany	Granted	3175932.7	1987/02/25	3175932	1987/02/25
2695	P0261ACH	Optical Coupling Device	Switzerland	Granted	003192	1987/02/25		
4045	P0027A	Standardizing And Calibrating A Spectrometric Instrument	United States	Granted	5,303,185	1994/04/12	071834,448	1982/02/12
4317	P0041A	Hybrid Valving System For Varying Fluid Flow Rate	United States	Granted	5,329,985	1994/07/19	08190,586	1993/07/20
4382	P0044A	Optical Spectrometer For Detecting Spectra In Separate Range	United States	Granted	5,565,983	1996/10/15	08451,351	1995/05/26
4369	P0042A	Nebulizer	United States	Granted	5,464,157	1995/11/07	08276,144	1994/07/18
4371	P0043B	Spark Sampling Microparticle Generator And Method	United States	Granted	5,452,089	1995/08/19	08137,854	1993/10/15
3984	P0021A	3 Point Bending Measuring System	United States	Granted	4,976,192	1990/12/11	07435,114	1989/11/13
4015	P0024C	Vial Locator And Sensor	United States	Granted	5,171,530	1992/12/15	077803,689	1991/12/03
3382	P0084AEP	Integral Separation Capillary/Conductivity Detector	Europe	Granted	0241940	1993/01/27	87105712.1	1987/04/06
3342	P0084AFR	Integral Separation Capillary/Conductivity Detector	France	Granted	0241940	1993/01/27	87105712.1	1987/04/16
3382	P0084ADE	Integral Separation Capillary/Conductivity Detector	Germany	Granted	P37637/88.2	1993/01/27	87105712.1	1987/04/16
3382	P0084ANL	Integral Separation Capillary/Conductivity Detector	Netherlands	Granted	0241940	1993/01/27	87105712.1	1987/04/16
3382	P0084AT	Integral Separation Capillary/Conductivity Detector	Italy	Granted	0241940	1993/01/27	87105712.1	1987/04/16
3382	P0084AJP	Integral Separation Capillary/Conductivity Detector	Japan	Granted	2,335,546	1993/01/27		
3382	P0084ASE	Integral Separation Capillary/Conductivity Detector	Sweden	Granted	0241940	1993/01/27	87105712.1	1987/04/16
3382	P0084AGB	Integral Separation Capillary/Conductivity Detector	Great Britain	Granted	0241940	1993/01/27	87105712.1	1987/04/16
3382	P0084A	Method of Fabricating Capillary Electro Separation Channels	United States	Granted	4,816,123	1988/03/28	07051,808	1987/07/06
3401	P0264A	Grazing Angle Radiation Sensor For A Robot System	United States	Granted	4,682,805	1987/01/28	06830,183	1986/02/18
3433	P0267A	Power Circuit For Spectral Analysis Gaseous Discharge Lamps	United States	Granted	4,776,342	1991/12/29	06804,048	1986/12/05
3435	P0268A	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,726,678	1988/02/23	06635,145	1986/03/03
3436	P0269A	Fricthiness Translational Bearing	United States	Granted	4,684,811	1987/08/04	06455,985	1986/04/25
3471	P0270A	System for Calibrating a Monochromator	United States	Granted	4,779,216	1988/10/18	06457,438	1986/03/07
3480	P0271A	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,876,005	1989/10/24	07281,374	1986/12/08
3480	P0271AEP	High Pressure Column Assembly For A Liquid Chromatograph	Europe	Granted	0324146	1995/09/20	89102368.1	1993/02/10
3480	P0271ADE	High Pressure Column Assembly For A Liquid Chromatograph	Germany	Granted	P68924284.0	1995/09/20	89102368.1	1993/02/10
3480	P0271AGB	High Pressure Column Assembly For A Liquid Chromatograph	Great Britain	Granted	0324146	1995/09/20	89102368.1	1993/02/10
3480	P0271AJP	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,670,813	1997/08/02	064602,924	1995/11/28
3480	P0271A	Programable Lamp Plug	United States	Granted				
	P0273A	Phase Angle Measurement	Europe					
	P0273AEP	Phase Angle Measurement	France					
	P0273AFR	Phase Angle Measurement	Germany					
	P0273ADE	Phase Angle Measurement	Italy					
	P0273AJP	Phase Angle Measurement	Japan					

3514	P0272ADE	Phase Angle Measurement	Japan	Granted	0101862	1988/1/30	83107709	1983/04/04
3515	P0273ACH	Phase Angle Measurement	Switzerland	Granted	4742276	1988/05/03	061808556	1986/01/25
3516	P0273AGB	Phase Angle Measurement	Great Britain	Granted	4984670	1987/02/19	07644798	1980/06/25
3517	P0273ADE	Phase Synchronization	Germany	Granted	141585	1988/06/29	3307597	1983/03/03
3518	P0273ADE	Chromatography Column	Germany	Granted	3307597	1988/06/29	3307597	1983/03/03
3519	P0273ADE	Regulated Deuterium Arc Supply System	United States	Granted	4742276	1988/05/03	061808556	1986/01/25
3520	P0273ADE	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4984670	1987/02/19	07644798	1980/06/25
3521	P0273ADE	Variable Gain Amplifier	Korea	Granted	141585	1988/06/29	3307597	1983/03/03
3522	P0273ADE	Apparatus For Reducing Current Leakage From A Resistance	Germany	Granted	3307597	1988/06/29	3307597	1983/03/03
3523	P0273ADE	Optical Coupling Device	Japan	Granted	1563345	1988/07/10	5142942	1982/03/31
3524	P0273ADE	Flowmeter System With Synchronous Clock For Generation Of TI	Europe	Granted	0051162	1987/02/25	81107860	1981/10/02
3525	P0273ADE	Optical Beam Splitter	Europe	Granted	0056136	1987/09/09	81110555	1981/12/17
3526	P0273ADE	Apparatus Used With A Chromatography Column	Europe	Granted	0056836	1985/09/21	821006443	1982/07/19
3527	P0273ADE	Spectrophotometer	Europe	Granted	0075869	1986/10/15	82100509	1982/07/19
3528	P0273ADE	Liquid Level Sensor	Europe	Granted	0087568	1987/01/07	831004998	1983/01/20
3529	P0273ADE	Sample Cell Temperature Stabilizer	Europe	Granted	0128120	1988/04/17	84106224	1984/05/30
3530	P0273ADE	Pulse Damper	Europe	Granted	0154182	1989/04/23	851009412	1985/01/30
3531	P0273ADE	Solvent Pressurizing & Degasing System	Europe	Granted	0178349	1988/10/05	851102526	1985/02/08
3532	P0273ADE	Multipoint Valve In Gas Collection System And Method	Europe	Granted	0165926	1988/05/24	85112742	1985/10/08
3533	P0273ADE	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	5428686	1982/09/02	851147181	1985/11/19
3534	P0273ADE	Thermal Insulating Container For Liquefied Gas	Australia	Granted	692773	1990/05/01	88188184	1993/07/15
3535	P0273ADE	Connecting Apparatus For Conveyance Of Cryogenic Fluid	United States	Granted	5655681	1997/08/12	08724432	1996/10/01
3536	P0273ADE	Fluid Conveying Device With Removable Connection	United States	Granted	5762381	1998/06/09	081659535	1995/12/06
3537	P0273ADE	Mounting Apparatus For Induction Coupled Plasma Torch	United States	Granted	5928265	1998/02/10	081659535	1995/12/06
3538	P0273ADE	Analysis Of Organic Material	Germany	Granted	4135021	1998/07/20	081659535	1995/12/06
3539	P0273ADE	Thermal Conductivity Detector	Europe	Granted	0280335	1995/07/26	881029409	1998/02/28
3540	P0273ADE	Inductively Coupled Plasma Torch With Sample Injector	Europe	Granted	0281966	1994/02/02	881034014	1998/02/28
3541	P0273ADE	Power System For Inductively Coupled Plasma Torch	Europe	Granted	0281157	1994/01/12	881034014	1998/02/28
3542	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3543	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3544	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3545	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3546	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3547	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3548	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3549	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3550	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3551	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3552	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3553	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3554	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3555	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3556	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3557	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3558	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3559	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3560	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3561	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3562	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3563	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3564	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3565	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3566	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3567	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3568	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3569	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3570	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3571	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3572	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3573	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3574	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3575	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3576	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3577	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3578	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3579	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3580	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3581	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3582	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3583	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3584	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3585	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3586	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3587	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3588	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3589	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3590	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3591	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3592	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3593	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3594	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3595	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3596	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3597	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3598	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3599	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3600	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3601	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3602	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3603	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3604	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3605	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3606	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3607	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3608	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3609	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3610	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3611	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3612	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3613	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3614	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3615	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3616	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3617	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3618	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3619	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3620	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3621	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3622	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3623	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3624	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3625	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3626	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3627	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3628	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3629	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3630	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3631	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3632	P0273ADE	Chromatography Column	Europe	Granted	0281966	1994/06/28	881034014	1998/02/28
3633	P0273ADE	Chromatography Column	Europe	Granted	02819			

3638	P0286ADE	Inductively Coupled Plasma Torch With Sample Injector	Germany	Granted	P388962.4	1994/01/12	68103413.6	1998/02/04
3703	P0285ADE	Thermal Conductivity Detector	Germany	Granted	P3887541.1	1994/02/02	68103409.4	1998/02/04
3809	P0300ADE	Monochromator Drift Compensation	Germany	Granted	P6813258.6	1994/03/02	68109948.3	1998/06/01
3837	P0287ADE	Power System For Industrially Coupled Plasma Torch	Germany	Granted	P3850422.7	1994/06/29	68103403.7	1998/03/04
3827	P0287ADE	Low Frequency Signal Processing Circuitry	Germany	Granted	P3850422.7	1994/07/20	68105064.3	1998/03/21
3836	P0286ADE	Detector Cal For Spectrophotometer Used In Liquid Chromatography	Germany	Granted	P68823388	1994/07/12	68105263.1	1998/03/23
4088	P0007ADE	Method And Apparatus For Comparing Spectra	Germany	Granted	P68716536.4	1997/03/28	92118913.2	1992/10/02
4073	P008ADE	Apparatus For Differential Analysis Of Sample Dielectric Pro	Germany	Granted	P6320217	1998/09/17	68320217	1993/02/11
3828	P0284ADE	Analysis Of Organic Material	Germany	Granted	P3854208.8	1995/01/26	68105420.8	1998/02/26
4637	P0328A	Zero-Dilution Split Injector Liver For Gas Chromatography	United States	Pending				1998/08/16
4606	P0328A	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Pending			081443.975	1998/11/19
4607	P0328A	Hybrid Film Type Sensor	United States	Pending			081443.334	1998/11/19
4601	P0350A	Enclosure For Analytical Instrumentation	United States	Granted	D412.991	1998/08/17	291054.998	1997/01/16
3809	P0300AAU	Detection Of Low Level Analyses In Samples Using Agglutinat	United States	Granted	5.942.442	1998/08/24	00831.205	1997/04/02
3809	P0300A	Monochromator Drift Compensation	Australia	Granted	612.847	1991/07/18	3587.468	1988/06/01
3809	P0300A	Monochromator Drift Compensation	United States	Granted	4.916.645	1990/04/10	07201.250	1988/06/02
3828	P0018ADE	Circuit For Synchronizing Digital Signals With Alternating C	Germany	Granted	1.321.486	1993/08/24	601.458	1989/08/01
3828	P0018AGB	Circuit For Synchronizing Digital Signals With Alternating Cur	Germany	Granted	4.024.459	1991/02/07	P4024458.8	1990/08/01
4015	P0024ADE	Vial Locator And Sensor	Germany	Granted	2.235.937	1993/06/18	8016503.6	1990/07/27
4015	P0024AEP	Vial Locator And Sensor	Europe	Granted	P69108706.8	1995/08/17	91102281.2	1991/02/18
4015	P0024AAU	Vial Locator And Sensor	Australia	Granted	0444.498	1995/06/17	91102281.2	1991/02/27
4070	P0031ADE	Single Element Thermal Conductivity Detector	Europe	Granted	640.453	1993/08/26	7183391	1992/07/20
4070	P0031ADE	Single Element Thermal Conductivity Detector	Germany	Granted	0528295	1998/08/02	92112375.8	1992/07/20
4073	P0300A	Apparatus For Differential Analysis Of Sample Dielectric Pro	United States	Granted	6822833.2	1981/08/02	92112375.8	1992/07/20
2730	P0278AGB	Detector Cal For Liquid Chromatography	Great Britain	Granted	5.309.110	1994/04/03	077845.994	1992/03/04
3396	P0021AGB	3 Point Bending Measuring System	Great Britain	Granted	0185826	1995/07/12	85114718.1	1995/11/19
3994	P0024AGB	Vial Locator And Sensor	Great Britain	Granted	0335288	1995/07/12	85105283.1	1995/03/23
4015	P0024AGB	Standardizing And Calibrating A Spectrometric Instrument	Great Britain	Granted	0128010	1994/06/01	90120859.6	1990/10/31
4045	P0027AGB	Photodetector Amplifier	Great Britain	Granted	0444498	1995/05/17	91102281.2	1991/02/18
4046	P0028AGB	Method Of Manufacturing Glass Beads	Great Britain	Granted	0552604	1997/12/10	93100102.8	1993/01/07
4053	P0029AGB	Method Of Manufacturing Glass Beads	Great Britain	Granted	2.261.659	1997/04/09	93100102.8	1993/01/07
4073	P0300AGB	Apparatus For Differential Analysis Of Sample Dielectric Pro	Great Britain	Granted	0558972	1998/08/12	93102188.7	1992/11/11
4081	P0035AGB	Absorption Correction In Atomic Absorption Spectroscopy	Great Britain	Granted	2.262.180	1995/04/02	9223598.5	1992/11/10
2996	P0035AGB	Method For Heating A Thermionic Detector Source	Great Britain	Granted	2.281.534	1995/12/06	9223598.5	1992/11/10
4056	P0035AGB	Variable Gain Amplifier	Great Britain	Granted	2.116.750	1996/01/29	93100102.8	1993/01/07
4086	P0034ADE	Photometric Instrument With Optical Fibers For Analyzing	Germany	Granted	0528541	1996/04/17	92114531.9	1992/08/21
	P0333A	Method For Processing A Sample	United States	Allowed			P4424861.6	1994/07/14
	P0333ANL	Method For Processing A Sample	United States	Allowed			08101.818	1998/10/20
	P0333AWO	Method For Processing A Sample	The Netherlands	Pending			1002110	1995/01/17
4482	P0326ACA	Detection Of Low Level Hydrophobic Analyses In Samples	Canada	Published	2.205.282		PCT/INL97/00005	1997/01/07
4482	P0326AEP	Detection Of Low Level Hydrophobic Analyses In Samples	Europe	Published			18814440.7	1998/04/02
4482	P0326AEP	Detection Of Low Level Hydrophobic Analyses In Samples	Europe	Published			10-542004	1998/04/02
4482	P0326AEP	Detection Of Low Level Hydrophobic Analyses In Samples	Japan	Published			68796698	1998/04/02
4482	P0326AAU	Detection Of Low Level Hydrophobic Analyses In Samples	Australia	Published			12.285.219	1998/04/02
4501	P0310ACA	Detection Of Low Level Analyses In Samples Using Agglutinat	Canada	Published			198814435.7	1998/10/04
4501	P0310AEP	Detection Of Low Level Analyses In Samples Using Agglutinat	Europe	Published			68783088	1998/04/02
4501	P0310AAU	Detection Of Low Level Analyses In Samples Using Agglutinat	Australia	Pending			10-541999	1998/10/04
4501	P0310AEP	Detection Of Low Level Analyses In Samples Using Agglutinat	Japan	Pending				
4482	P0326A	Method For Processing A Sample	Europe	Pending			97000480.1	1997/04/02
3729	P0335A	Detector For A Spectrometer	United States	Granted	5.891.740	1999/04/06	08832.188	1997/04/02
4086	P0034BGB	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	4.820.048	1988/04/11	07123.025	1987/11/19
4589	P0326A	Computer Operated Spectrometric Instrument	Great Britain	Granted	2.312.044	1994/01/21	19714780.5	1997/07/14
	P0337A	Method And Apparatus For Iterative Spectral Compensation	United States	Allowed			093300.609	1995/04/27
	P0334A	Method And Apparatus For Iterative Spectral Compensation	United States	Pending			093501.082	2000/02/11
5002	P0334A	Method And Apparatus For Iterative Spectral Compensation	United States	Pending			093501.082	2000/04/27

4498	P0305AJP	Method And Apparatus For Comparing Spectra	Japan	Granted	5-209828	1993/08/20	4-28/7034	1992/10/02
4491	P0330B	Detection Of Low Level Analyses In Samples Using Alignment	United States	Pending				
4490	P0339A	Spectroscopic Determination Of The Dissociation Constants	United States	To File				
4489	P0340A	Non-Intrusive Determination Of Protein-Ligand Interaction	United States	To File				
4488	P0362AAU	Electrochromic Absorption Furnace For Spectroscopy	Austria	Granted	598,940	1990/07/05	18175/88	1990/08/20
4410	P0341A	Optical Switching Device	United States	Granted	5,035,066	1991/10/15	07683,592	1990/10/25
4083	P0032A	Method Of Manufacturing Glass Beads	United States	Granted	5,198,009	1993/03/20	07786,487	1991/11/22
4086	P0034B	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	5,526,451	1990/06/11	08324,060	1990/10/18
3527	P0287A	Phase Angle Measurement	United States	Granted	4,985,683	1991/07/15	07173,201	1990/03/24
3527	P0287AFR	Phase Angle Measurement	France	Granted	0334303	1994/07/20	08105064,3	1990/03/21
3527	P0287AT	Phase Angle Measurement	Italy	Granted	0334303	1990/03/21	08105064,3	1990/03/21
3527	P0287AJP	Phase Angle Measurement	Japan	Granted	1,316,631	1988/12/21	72716/89	1988/03/24
3527	P0287ACH	Phase Angle Measurement	Switzerland	Granted	0334303	1994/07/20	08105064,3	1990/03/21
3527	P0287AGB	Phase Angle Measurement	Great Britain	Granted	0334303	1994/07/20	08105064,3	1990/03/21
3602	P0015B	Line Frequency Slaved Voltage-To-Frequency Converter System	United States	Granted	4,688,573	1990/09/19	07119,584	1987/11/12
3602	P0015AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Europe	Granted	0266682	1993/07/14	07115917,4	1991/10/29
3602	P0015AFR	Line Frequency Slaved Voltage-To-Frequency Converter System	France	Granted	0266682	1993/07/14	07115917,4	1991/10/29
3602	P0015ADE	Line Frequency Slaved Voltage-To-Frequency Converter System	Germany	Granted	PJ/65922,6	1993/07/14	07115917,4	1991/10/29
3602	P0015ANE	Line Frequency Slaved Voltage-To-Frequency Converter System	Netherlands	Granted	0266682	1993/07/14	07115917,4	1991/10/29
3602	P0015ACH	Line Frequency Slaved Voltage-To-Frequency Converter System	Switzerland	Granted	0266682	1993/07/14	07115917,4	1991/10/29
3602	P0015AGB	Line Frequency Slaved Voltage-To-Frequency Converter System	Great Britain	Granted	4,785,614	1993/07/14	07115917,4	1991/10/29
3628	P0284A	Analysis Of Organic Material	United States	Granted	4,785,614	1993/07/14	07115917,4	1991/10/29
3628	P0284B	Analysis Of Organic Material	United States	Granted	5,044,860	1991/09/03	07019,905	1987/04/07
3628	P0284C	Analysis Of Organic Material	United States	Granted	5,013,628	1991/09/03	071178,713	1990/07/12
3628	P0284AT	Analysis Of Organic Material	Italy	Granted	0260335	1993/07/26	08102840,0	1990/02/26
3703	P0284AJP	Analysis Of Organic Material	Japan	Granted	2,683,011	1997/02/06	46438/88	1990/02/26
3628	P0284BJP	Analysis Of Organic Material	Japan	Granted	2,730,624	1997/12/19	46438/88	1997/10/16
3628	P0284AGB	Analysis Of Organic Material	Great Britain	Pending				
3637	P0287A	Power System For Inductively Coupled Plasma Torch	United States	Granted	0260335	1993/07/26	08102840,0	1990/02/26
3637	P0287AFR	Power System For Inductively Coupled Plasma Torch	France	Granted	4,018,916	1987/03/06	07022,838	1987/03/06
3637	P0287AJP	Power System For Inductively Coupled Plasma Torch	Japan	Granted	9201157	1994/05/29	08103400,7	1990/03/04
3637	P0287AGB	Power System For Inductively Coupled Plasma Torch	Great Britain	Granted	2,708,447	1997/10/17	51794/88	1990/03/04
3638	P0286A	Inductively Coupled Plasma Torch With Sample Injector	United States	Granted	0281157	1994/05/29	08103400,7	1990/03/04
3638	P0286AFR	Inductively Coupled Plasma Torch With Sample Injector	France	Granted	4,766,287	1990/03/23	07022,910	1987/03/06
3638	P0286AJP	Inductively Coupled Plasma Torch With Sample Injector	Japan	Granted	0281158	1994/05/12	08103413,6	1990/03/04
3638	P0286AGB	Inductively Coupled Plasma Torch With Sample Injector	Great Britain	Granted	0281158	1994/05/12	08103413,6	1990/03/04
3684	P0288A	Chromatography Column	United States	Granted	4,872,979	1988/10/10	07041,654	1987/04/22
3684	P0288AU	Chromatography Column	Australia	Granted	598,926	1990/03/22	15092/88	1988/04/11
3684	P0288AFR	Chromatography Column	France	Granted	0287922	1993/03/10	08105146,3	1988/04/11
3684	P0288AJP	Chromatography Column	Italy	Granted	0287922	1993/03/10	08105146,3	1988/04/11
3684	P0288AGB	Chromatography Column	Great Britain	Granted	2,644,269	1997/05/02	56977/88	1990/04/21
3703	P0285A	Thermal Conductivity Detector	United States	Granted	0287922	1993/03/10	08105146,3	1988/04/11
3703	P0285AJP	Thermal Conductivity Detector	Japan	Granted	4,995,163	1991/02/26	07038,676	1987/03/05
3628	P0285AGB	Thermal Conductivity Detector	United States	Granted	4,995,163	1991/02/26	07038,676	1987/03/05
3729	P0335AEP	Detector For A Spectrometer	Europe	Granted	0281986	1994/02/02	08103409,4	1990/03/04
3729	P0335AJP	Detector For A Spectrometer	Australia	Granted	0281986	1994/02/02	08103409,4	1990/03/04
3729	P0335ACA	Detector For A Spectrometer	Canada	Granted	625,223	1992/10/26	25888/88	1990/11/11
3729	P0335AFR	Detector For A Spectrometer	France	Granted	1,321,898	1993/09/07	581,269	1990/11/11
3729	P0335ADE	Detector For A Spectrometer	Germany	Granted	0316802	1994/04/06	08116828,8	1990/11/11
3729	P0335AJP	Detector For A Spectrometer	Italy	Granted	0316802	1994/04/06	08116828,8	1990/11/11
3729	P0335AGB	Detector For A Spectrometer	Japan	Granted	2,760,816	1994/03/20	280338/88	1990/11/11
3729	P0335AJP	Detector For A Spectrometer	Great Britain	Granted	0316802	1994/04/06	08116828,8	1990/11/11

2166	P0097A	Fluid Flow Control Device	United States	Granted	4,354,932	1982/10/19	06/19/2002	1980/10/15
4458	P0059A	Heater Control Circuit	United States	Granted	5,672,289	1997/08/20	08/59/410	1986/07/11
4443	P0056A	Apparatus For Controlling Level Of Cryogenic Liquid	United States	Granted	5,672,289	1997/08/20	08/59/410	1986/07/11
4435	P0054A	Dry Gas Curtain For Cryogenic Surfaces	United States	Granted	5,580,537	1997/01/07	08/54/555	1985/12/08
4431	P0050A	Calorimeter Having Rapid Cooling Of A Heating Vessel Therein	United States	Granted	5,876,116	1998/03/02	08/50/907	1985/09/07
4430	P0048A	Gas Chromatographic System With Controlled Sample Transfer	United States	Granted	5,771,766	1998/01/27	08/58/358	1985/12/08
4411	P0047A	Flow Regulation In Gas Chromatography	United States	Granted	5,645,252	1998/08/13	08/73/689	1986/10/21
3322	P0020A	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,601,530	1987/07/21	08/03/770	1986/05/16
4073	P0038AEP	Differential Dielectric Analyzer	Japan	Pending				
3336	P0028AEP	Detector Cell	Europe	Granted	0336280	1995/07/12	83/05/283.1	1989/03/02
2556	P00276A	Optical Coupling Device	United States	Granted	4,494,212	1995/01/15	08/82/547	1986/03/23
2782	P00278A	Flowmeter System With Synchronous Clock For Generation Of TI	United States	Granted	4,345,478	1992/08/24	06/22/4,703	1984/10/13
2730	P00279A	Multi-port Valve In Gas Collection System And Method Of Use	United States	Granted	4,601,211	1998/07/22	06/50/689	1994/12/12
3336	P0028AEP	Low Cost Detector Cell	Japan	Granted	12,042,337	1999/12/24	78/52/289	1988/03/31
3538	P0028BEP	Detector Cell For Liquid Chromatography	Europe	Published	0626574		84/08/52.8	1988/03/31
4511	P0069C	Monitoring Constituents Of An Antral Organ Using Statistical	United States	Pending			08/47/642	2000/01/07
5015	P0034A	Barcode Labeling Of ATO Tubes	United States	To File				
4479	P0064ACH	Analyzing Spectrometric Data	Switzerland	Granted	00634725		97/11/714.9	1997/11/02
4479	P0064ADE	Analyzing Spectrometric Data	Germany		00634725			
4479	P0064AFR	Analyzing Spectrometric Data	France		00634725			
4479	P0064AGB	Analyzing Spectrometric Data	Great Britain		00634725			
4479	P0064AIT	Analyzing Spectrometric Data	Italy		00634725			
4479	P0064ANL	Analyzing Spectrometric Data	Netherlands		00634725			
2730	P00278AEP	Multi-ported Growth And Detection Strategy	Japan	Granted	1,838,829	1994/04/25	276111/85	1985/12/12
4045	P0027ADE	Standardizing And Calibrating A Spectrometric Instrument	Germany	Granted	0560006		93/00/106.9	1983/01/07
4046	P0028ADE	Photoconductor Amplitude Linearity	Germany	Granted	053109504	1997/04/09	93/00/102.8	1983/01/07
4076	P0033AAU	Absorbance Correction In Atomic Absorption Spectrometry	Australia	Granted	654,068		2981/482	
4137	P0033AAU	Grouping Of Spectral Bands For Data Acquisition	Australia	Granted	667,614		5767/394	
4483	P0068AEP	Tunable External Cavity Diode Laser	Europe	Published			9730/0051.6	1997/07/28
4642	P0034SA	Use Of Hg Lines From Hg Lamp For Wavelength Standardization	United States	To File				
4641	P0035AIP	Low Cost Detector Cell	Japan	Granted	3,016,789	1998/12/24	78/75/289	1989/12/24
4641	P0036A	Use Of Ne Lines For ICP Instrument Standardization	United States	To File				
5003	P00347A	Methods And Apparatus To Improve The Sensitivity	United States	Pending			60/193,974	2000/03/31
5006	P00348A	Apparatus And Methods For Bioluminescent Analytical Methods	United States	Pending			60/193,519	2000/03/31
5006	P00349A	Polymetric Sampling Strad						
	P00350A	Polymetric Reagent Pad						
	P00351A	Sampling Device For Use In Automated Methods						
3824	P0009A	Arc Spray Gun For Coating Confined Areas	United States	Granted	4,653,513	1988/08/01	07/167,106	1988/04/28
3824	P0009ACA	Arc Spray Gun For Coating Confined Areas	Canada	Granted	1,314,944	1993/03/23	587,286	1986/04/20
3824	P0009AIP	Arc Spray Gun For Coating Confined Areas	Japan	Granted	2-164470	1990/06/25	1-104817	1988/04/26
3824	P0009AEP	Arc Spray Gun For Coating Confined Areas	Europe	Granted	0739650		89/07/686.1	1989/04/27
3824	P0009ACN	Arc Spray Gun For Coating Confined Areas	China	Granted	1039678			
3824	P0009ADE	Arc Spray Gun For Coating Confined Areas	Germany	Granted	68923646		89/07/686.1	1989/04/27
	P0032AIP							
5000	P00353A	Padding 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	4,669,877	1997/06/02	06/704,386	1989/02/22
	P0028ACH	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0028ADE	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0028AFR	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0028AGB	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0028AIT	Detection Of Low Level Hydrophobic Analytes In Samples						
4590	P0073AIVO	Detection Of Low Level Hydrophobic Analytes In Samples	PCT	Pending			PCT/US00/0756	2000/02/14
	P0071B	Autosampler Having Gripper With Shape Memory Metal Actuator	United States	Pending			09/318,466	2000/03/03
	P0045ADE	Autosampler	Germany	Pending			655 14 870.2-08	1999/06/22
	P0047BAU	Flow Regulation In Gas Chromatography	Australia	Pending			1757/600	2000/02/18

	P0053A1T	Fluid Conveying Device With Removable Connection	Italy	Pending				
	P0053A1R	Fluid Conveying Device With Removable Connection	France	Pending				
	P0053A0E	Fluid Conveying Device With Removable Connection	Germany	Pending				
4484	P0053A0H	Fluid Conveying Device With Removable Connection	Germany	Pending				
	P0053A0W	Self Aligning Optical Fiber Transducer	Switzerland	Pending				
	P0053A1A	Non-Contacting Method of Cleaning Surfaces	PCT	Pending				
	P0053A0A	Non-Contacting Method of Cleaning Surfaces	United States	Granted	4,956,024	1990/08/11	PCT/US90/08607	2000/04/01
	P0053A0P	Non-Contacting Method of Cleaning Surfaces	Canada	Granted	1,315,923	1992/04/13	587,985	1998/04/07
	P0053A0E	Non-Contacting Method of Cleaning Surfaces	Europe	Granted	0324435	1998/07/18	89100346.9	1998/07/18
3546	P0058A	Scanning Array Spectrophotometer	Japan	Granted	1,225,125	1989/09/08	892,982	1998/07/11
	P0059A	Method and Apparatus For Reactorless Rotation	Germany	Granted	6180442	1992/11/04	809,422	1998/07/18
4368	P0042A0E	Nebulizer	United States	Granted	4,798,464	1989/01/17	06038,658	1988/07/12
4369	P0042A0B	Nebulizer	Germany	Granted	5,131,611	1992/07/21	891,935	1998/07/12
4369	P0042A0L	Nebulizer	United Kingdom	Granted	693,320		P69514470.2	
	P0033A0V	Method For Processing A Sample	Netherlands	Granted	693,320		693,320	
4470	P0031A1T	Single Element Thermal Conductivity Detector	Italy	Granted	0529295	1993/09/02	92112375.6	1992/07/20
3480	P0027A1P	High Pressure Column Assembly For A Liquid Chromatograph	Japan	Granted	2,678,879			
	P00380A	Microbiograph Apparatus	United States	Granted	4,932,658	1990/08/28	195,545	1998/05/18
	P00380AEP	Microbiograph Apparatus	Europe	Granted	0347638	1988/11/23	88100864.4	1988/05/17
	P00380ACA	Microbiograph Apparatus	Japan	Granted	2,035,709	1990/02/06	123,023	1989/05/18
5007	P00361A	Design Of A Device For Sampling A Surface To Colloid	Canada	Granted	1,304,173	1992/06/23	588,723	1988/05/15
5005	P00362A	Polymetric Carrier For Reagents	United States	Granted	6892523	1995/02/08	623,233	1995/03/17
5004	P00363A	Low Cost Internal Calibration Standard	United States	To File				
3518	P00364A	Dual Photodiode Connection Of Background For Bioluminescence	United States	To File				
3522	P0039A0B	Atomic Absorption Spectrometer	Great Britain	Granted	2,180,064			
6014	P0030A0E	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	P3870372.9		P3870372.9	
5011	P00368A	Conductive Coating To Eliminate Charge Effects And Reduce	United States	To File				
5013	P00367A	Semi-Conduct Swab And Swabbing Technique	United States	To File				
5012	P00384A	Dual Photodiode Connection Of Background For Bioluminescence	United States	To File				
4137	P0039A0E	Semi-Conduct Detection Of Inhibitory Components	United States	To File				
3526	P0021A0B	Grouping Of Spectral Bands For Data Acquisition	Germany	Pending			694,24,682.6-08	
3522	P0021A0E	Device For Igniting A Flame In An Atomic Absorption Ectronel	Great Britain	Granted	2,180,028	1987/03/25	8821842	1986/09/10
3522	P0020B0E	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	P3532537.2	1987/03/19	P3532537.2	1985/09/12
	P0031A	Method For Measuring Absolute Value Of Thermal Conductivity	United States	Granted	3928547.3			1986/09/17
4499	P00372A	Method Of Detecting Organisms In A Sample	United States	Pending			60210,256	2000/06/08
4499	P0037A0V	Method Of Detecting Organisms In A Sample	United States	Granted	5,302,732	1990/05/11	04985,574	1997/12/05
5019	P00376A	RH Compensation By Nafion Coatings Of Electrochemical	United States	Pending				
5020	P0037A	Planar Electrochemical Gas Sensor	United States	To File				
5021	P0037A	Electrochemical Gas Sensor With Miniaturized Flow Channels	United States	To File				
5022	P0037A	Electrochemical Gas Sensor	United States	To File				
5024	P00380A	Electrochemical Sensor With Dry Nafion	United States	To File				
5024	P00381A	Integrated Electrochemical Gas Generator	United States	To File				
5025	P00382A	Prevention Of Flooding In Thick-Film Electrochemical Sensors	United States	To File				
5026	P00383A	RH Compensation For Electrochemical Sensors With Different	United States	To File				