

09-27-2000



PATENT
03141-P0023A WWW

101473599

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignor:	Perkin-Elmer Corporation
Assignee:	Perkin Elmer LLC
Patent No. 5,360,596	Issue Date: November 1, 1996
Title of Application:	Plunger Homing Mechanism For Use In Chromatography

Box Assignment
Assistant Commissioner for Patents
Washington, DC 20231

9-15-00

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 GTDN11 00000109 5360596

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40.00 DP

PATENT
REEL: 011097 FRAME: 0503

CONFIRMATORY ASSIGNMENT

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

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration, the receipt of which is acknowledged, Perkin-Elmer Corporation whose post office address is 761 Main Avenue; Norwalk, CT 06859, hereby conveys, assigns and transfers its entire right, title and interest in and to the patents and patent applications listed on the attached exhibit A, including but limited to the right to sue and collect damages for past infringement of said Patents to Perkin Elmer LLC, a Delaware corporation whose post office address is, 761 Main Avenue; Norwalk, CT 06859.

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

(Assignor)

Perkin-Elmer Corporation (*now named PE Corporation (NY)*)

By 

Name: Thomas Livingston

Title: ~~Assistant~~ Secretary

State of Connecticut

ss.

County of Fairfield

Before me personally appeared Thomas Livingston and acknowledged the foregoing instrument to be his free act and deed this 18 day of July 2000.

Notary Public

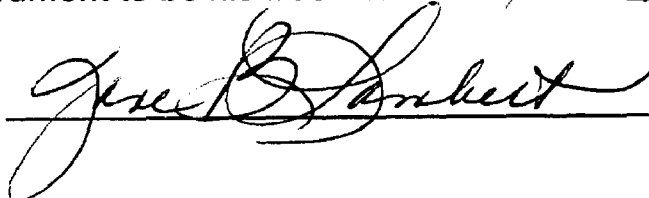


		EXHIBIT A							
Patent Number	Patent Title	Country	Status	Registration Number	Issue Date	Serial Number	File Date		
0685	Automatic Variable Filters For Use In Scanned Spectrometers	Sweden	Pending			11469-6	197304/23		
2103	Flame Ionization Detector Status Indicator	Japan	Pending			1608-48	1976/12/29		
2132	Detector Cell Assembly	Japan	Pending			60305/86	1988/04/23		
2357	High Resolution Stepping Motor Drive	Japan	Pending			27458/87	1987/11/06		
2602 (MW/K/UR/5/B)	Line Frequency Stepped Voltage-To-Frequency Converter System	Japan	Granted	2,730,577	1987/12/19	02-205946	1989/09/02		
3828	Circuit For Synchronizing Digital Signals	Japan	Granted	3,060,314	2000/04/28	P39277/88.2	1989/08/23		
3808	Application Of Kalman Filtering To ICP Spectra	Germany	Pending			P410004/8.3	1981/01/03		
3923	Quadrupole Mass Filter For Charged Particles	Germany	Pending			2-304227	1980/11/13		
3984	3 Point Bending Measuring System	Japan	Granted	3,032,900	2000/02/18	P41107/83.2	1993/04/03		
4014	Pumpjet Handling Mechanism For Use In Chromatography	Japan	Pending			3-7326/89	1991/04/05		
4015	Pumpjet Handling Mechanism For Use In Chromatography	Japan	Granted	3,057,380	2000/04/21	2,035,916	1991/02/07		
4015	Vial Locator And Sensor	Canada	Pending			5-104160	1993/09/30		
4037	Vial Locator And Sensor	Japan	Granted			333027/81	1991/02/27		
4037	Circuit For Heating And Sensing With A Single Element	Europe	Granted			91121135.7	1991/12/10		
4037	Circuit For Heating And Sensing With A Single Element	Japan	Granted	0498063		03-345215	1991/12/26		
4045	Standardizing And Calibrating A Spectrometric Instrument	Canada	Pending			4,310,830	1993/01/15		
4045	Standardizing And Calibrating A Spectrometric Instrument	Europe	Granted			2,087,360	1993/02/03		
4045	Standardizing And Calibrating A Spectrometric Instrument	Japan	Granted	560,008		87250178.7	1987/08/09		
4045	Standardizing And Calibrating A Spectrometric Instrument	Japan	Granted	6,082,307		05-037343	1993/02/03		
4046	Standardizing And Calibrating A Spectrometric Instrument	Korea	Granted	1837/93	2000/03/14	1937/93	1993/02/12		
4046	Photobedector Amplifier Linearity	Canada	Pending			2,087,821	1993/01/21		
4046	Photobedector Amplifier Linearity	Japan	Granted	6-88745	1984/03/29	05-023171	1993/01/19		
4046	Photobedector Amplifier Linearity	Korea	Granted	247,171	1998/12/10	728/93	1993/01/21		
4070	Inductively Coupled Plasma Generator	Japan	Pending			115169/93	1993/04/20		
4070	Single Element Thermal Conductivity Detector	Japan	Pending	5-223771	1983/08/01	241447/82	1992/08/19		
4076	Absorbance Correction In Atomic Absorption Spectroscopy	Germany	Pending			P424030/1.4	1992/12/01		
4091	Method And Apparatus For Heating A Thermionic Detector Source	Germany	Pending			P4237167.8	1992/11/04		
4091	Method And Apparatus For Heating A Thermionic Detector Source	Japan	Granted	5-256822	1993/10/08	04-327513	1992/11/13		
4126	Sampling Conditioning Method & Apparatus	Europe	Pending			91903988.3			
4133	Optical Switching Apparatus With Retroreflector	Germany	Pending			15502431.1	1995/01/26		
4133	Optical Switching Apparatus With Retroreflector	Japan	Granted	7,287,178		38597195	1995/02/27		
4137	Grouping Of Spectral Bands For Data Acquisition	Canada	Granted	0615115	2000/04/26	2,115,855	1994/02/17		
4137	Grouping Of Spectral Bands For Data Acquisition	Europe	Granted	6,300,628		94103559.2	1994/03/08		
4137	Grouping Of Spectral Bands For Data Acquisition	Japan	Granted			38743794	1994/03/09		
4137	Grouping Of Spectral Bands For Data Acquisition	Canada	Granted			2,128,496	1994/06/22		
4317	Hybrid Valving System For Varying Fluid Flow Rate	Europe	Granted	0636958	2000/04/27	84109991.5	1994/06/27		
4317	Hybrid Valving System For Varying Fluid Flow Rate	Japan	Granted	7,078,032		17702504	1994/07/28		
4369	Hybrid Valving System For Varying Fluid Flow Rate	Japan	Published	0693320		95109756.9	1995/06/22		
4389	Nebulizer	Japan	Pending			180304/95	1995/07/17		
4382	Optical Spectrometer For Detecting Spectra In Separate Range	Australia	Granted	713,793	1996/05/24	524859/86	1996/06/24		
4382	Optical Spectrometer For Detecting Spectra In Separate Range	Europe	Pending	0744598		96107288.1	1996/05/08		
4382	Optical Spectrometer For Detecting Spectra In Separate Range	Japan	Pending			132142556	1996/05/27		
4385	Apparatus And Method For Differential Analysis Using Signals	Europe	Pending	0763196		95921345.5	1995/05/22		
4385	Apparatus And Method For Differential Analysis Using Signals	Europe	Pending	0803061		95921344.8	1995/05/22		
4385	Apparatus And Method For Differential Analysis Using Signals	Japan	Pending			8500987	1996/11/29		
4392	Apparatus And Method For Differential Analysis Using Signals	Australia	Pending			8500986	1996/11/28		
4392	Spectrometer With Selectable Radiation From Light Source	Europe	Granted	710,068	2000/01/20	34315935	1995/10/17		
4392	Spectrometer With Selectable Radiation From Light Source	Europe	Pending	0708324		95115662.9	1995/10/04		
4411	Spectrometer With Selectable Radiation From Light Source	Japan	Pending			271017/85	1995/10/18		
4411	Flow Regulation In Gas Chromatograph	Australia	Granted			45807196	1996/02/28		
4411	Flow Regulation In Gas Chromatograph	Canada	Pending			2,170,080	1996/02/22		
4411	Flow Regulation In Gas Chromatograph	Europe	Pending	0730151		96103188.7	1996/03/01		

4411	P0047AJP	Flow Regulation In Gas Chromatograph	Japan	Pending			4515106	1896/03/01
4412	P0048AEP	Solid State Inductively Coupled Plasma Generator	Europe	Pending	0051572		9712184.5	1897/12/12
4413	P0049AJP	Solid State Inductively Coupled Plasma Generator	Japan	Published			10000481	1898/01/05
4414	P0049AEP	Gas Chromatographic System With Controlled Sample Transfer	Europe	Pending	0770889		96117016.4	1996/10/23
4415	P0050AJP	Gas Chromatographic System With Controlled Sample Transfer	Japan	Pending			781139106	1996/10/23
4416	P0050AEP	Calorimeter Having Rapid Cooling Of A Heating Vessel Therein	Europe	Granted	0774653		96110387.7	1996/12/03
4417	P0050AJP	Calorimeter Having Rapid Cooling Of A Heating Vessel Therein	Japan	Granted	9,178,577		1987/06/11	1996/12/09
4418	P0051AEP	Thermal Insulating Container For Liquefied Gas	Europe	Published			328552186	1996/12/09
4419	P0051AJP	Thermal Insulating Container For Liquefied Gas	Japan	Pending			96113491.3	1996/01/22
4420	P0052AEP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Europe	Pending	0776439		236944196	1996/01/22
4421	P0052AJP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Japan	Pending			96118345.1	1996/12/09
4422	P0053AEP	Fluid Conveying Device With Removable Connection	Europe	Published	0762033		328554186	1996/12/09
4423	P0053AJP	Fluid Conveying Device With Removable Connection	Japan	Pending			96113490.5	1996/12/09
4424	P0054AEP	Dry Gas Curtain For Cryogenic Surfaces	Europe	Pending	0762094		236996186	1996/12/09
4425	P0054AJP	Dry Gas Curtain For Cryogenic Surfaces	Japan	Pending			96110036.2	1996/07/04
4426	P0055AEP	Standardizing A Spectrometric Instrument	Europe	Pending			234440186	1996/12/04
4427	P0055AJP	Standardizing A Spectrometric Instrument	Japan	Pending			97122558.6	1997/12/19
4428	P0056AEP	Apparatus For Controlling Level Of Cryogenic Liquid	Europe	Granted	6,049,762		35355037	1997/12/19
4429	P0056AJP	Apparatus For Controlling Level Of Cryogenic Liquid	Japan	Pending			96116386.9	1997/12/19
4430	P0057AEP	Standardizing Between Analytical Instruments	Europe	Pending	00451219		328916196	1996/12/09
4431	P0057AJP	Standardizing Between Analytical Instruments	Japan	Pending			97122551.1	1997/12/19
4432	P0058AEP	Standardizing Of Chromatographic Systems	Europe	Pending	0678712		35374837	1997/12/19
4433	P0058AJP	Standardizing Of Chromatographic Systems	Japan	Pending			96108041.8	1996/05/18
4434	P0059AEP	Standardizing Of Chromatographic Systems	Europe	Granted	5,958,246		13573198	1996/05/18
4435	P0059AJP	Standardizing Of Chromatographic Systems	Japan	Pending			98/079,080	1996/05/18
4436	P0060AEP	Heater Control Circuit	Europe	Pending			1002267	1997/10/08
4437	P0060AJP	Heater Control Circuit	Japan	Pending	0910231		98118130.7	1996/10/09
4438	P0061AEP	Mounting Apparatus For Induction Coupled Plasma Torch	Europe	Granted	0898784		283630096	1996/10/15
4439	P0061AJP	Mounting Apparatus For Induction Coupled Plasma Torch	Japan	Pending			97/92039.3	1996/10/30
4440	P0062AEP	Ion Detector, Detector Array And Instrument Using Same	Europe	Pending	0834725		9-637249	1996/10/12
4441	P0062AJP	Ion Detector, Detector Array And Instrument Using Same	Japan	Pending			97117174.9	1997/10/02
4442	P0063AEP	Analyzing Spectrometric Data	Europe	Pending			27105097	1997/10/03
4443	P0063AJP	Analyzing Spectrometric Data	Japan	Pending			98/840,575	1997/10/03
4444	P0064AEP	Analyzing Spectrometric Data	Europe	Granted	5,078,115		09/285,282	1998/04/02
4445	P0064AJP	Analyzing Spectrometric Data	Japan	Pending			40466197	1997/07/28
4446	P0065AEP	Tunable External Cavity Diode Laser	Europe	Pending			2,261,035	1997/07/28
4447	P0065AJP	Tunable External Cavity Diode Laser	Japan	Pending	0828717		10509031	1998/01/26
4448	P0066AEP	Backscattering System For Gas Chromatography	Europe	Pending			97115653.4	1997/09/16
4449	P0066AJP	Backscattering System For Gas Chromatography	Japan	Pending	0827232		250877197	1997/09/16
4450	P0067AEP	Method And Apparatus To Compensate For Gas Chromatograph	Europe	Pending			96106822.4	1996/04/15
4451	P0067AJP	Method And Apparatus To Compensate For Gas Chromatograph	Japan	Pending			105122798	1998/04/15
4452	P0068AEP	Autosampler Having Gripper With Shape Memory Metal Actuator	Europe	Pending	5,240,784		60/122,992	1998/03/05
4453	P0068AJP	Autosampler Having Gripper With Shape Memory Metal Actuator	Japan	Pending	1,361,134		08/250,053	1998/03/12
4454	P0069AEP	Absorbance Correction In Atomic Absorption Spectroscopy	Europe	Granted			04-345133	1997/12/02
4455	P0069AJP	Absorbance Correction In Atomic Absorption Spectroscopy	Japan	Granted			8711075.1	1987/01/20
4456	P0070AEP	Computer Control Cable Multi-Port Valve	Europe	Granted	0254326		09/085,762	1997/07/24
4457	P0070AJP	Computer Control Cable Multi-Port Valve	Japan	Pending			08/262,897	1998/06/01
4458	P0071AEP	Apparatus And Method For Differential Analysis Using Signals	Europe	Granted	6,549,387		1994/06/01	1994/06/01
4459	P0071AJP	Apparatus And Method For Differential Analysis Using Signals	Japan	Granted	10428010		90/120859.5	1994/10/31
4460	P0072AEP	3 Point Bending Measuring System	Europe	Granted	5,481,631		08/201,648	1994/02/25
4461	P0072AJP	3 Point Bending Measuring System	Japan	Granted	5,412,458		08/028,515	1994/02/25
4462	P0073AEP	Optical Switching Apparatus With Retroreflector	Europe	Granted			23220140	1990/02/26
4463	P0073AJP	Optical Switching Apparatus With Retroreflector	Japan	Pending				
4464	P0074AEP	Grouping Of Spectral Bands For Data Acquisition	Europe	Granted				
4465	P0074AJP	Grouping Of Spectral Bands For Data Acquisition	Japan	Granted				
4466	P0075AEP	Automatic Temperature Calibration Of Thermal Analyzers	Europe	Granted				
4467	P0075AJP	Automatic Temperature Calibration Of Thermal Analyzers	Japan	Granted				
4468	P0076AEP	Deposited Glass Etalons	Europe	Granted	2,280,026		9412352.8	1994/06/20
4469	P0076AJP	Deposited Glass Etalons	Japan	Granted			PCT/US97/08077	1997/04/11
4470	P0077AEP	Phonometric Instrument With Optical Fibers For Analyzing	Europe	Granted				
4471	P0077AJP	Phonometric Instrument With Optical Fibers For Analyzing	Japan	Granted				
4472	P0078AEP	Ion Deflector, Detector Array And Instrument Using Same	Europe	Granted				
4473	P0078AJP	Ion Deflector, Detector Array And Instrument Using Same	Japan	Granted				

4472	P0063A	Ion Detector, Detector Array And Instrument Using Same	United States	Pending		09/180,457	1989/11/03
4493	P0068B	Tunable External Cavity Diode Laser	United States	Pending		09/230,499	1990/01/26
2714	P0093AEP	Solvent Delivery System	Europe	Granted	0085171	1984/04/13	1989/12/17
2714	P0093AFR	Solvent Delivery System	France	Granted	0085171	1984/04/13	1989/12/17
2714	P0093ADE	Solvent Delivery System	Germany	Granted	P3276327.2	1984/04/13	1989/12/17
2714	P0093ANL	Solvent Delivery System	Netherlands	Granted	0085171	1984/04/13	1989/12/17
2714	P0093AT	Solvent Delivery System	Italy	Granted	0085171	1984/04/13	1989/12/17
2714	P0093AJP	Solvent Delivery System	Japan	Granted	1,764,707	1983/05/28	1989/12/17
2714	P0093ASE	Solvent Delivery System	Sweden	Granted	0085171	1984/04/13	1989/12/17
2714	P0093ACH	Solvent Delivery System	Switzerland	Granted	0085171	1984/04/13	1989/12/17
2714	P0093ACB	Solvent Delivery System	Great Britain	Granted	0085171	1984/04/13	1989/12/17
2714	P0093A	Solvent Delivery System	United States	Granted	4,556,367	1985/11/20	1990/07/20
2765	P0096AFR	Spectrophotometer Gas Control System	France	Granted	0089204	1987/09/18	
2766	P0097ACB	Fluid Flow Control Device	Great Britain	Granted	2,085,514	1984/09/20	1989/10/02
2851	P0098ADE	Optical Beam Splitter	Germany	Granted	P3265493.6	1985/08/21	1990/01/29
2851	P0098AJP	Optical Beam Splitter	Japan	Granted	1,792,016	1983/10/14	1989/12/17
2851	P0098ACH	Optical Beam Splitter	Switzerland	Granted	0059936	1985/08/21	1989/12/17
2851	P0098ACB	Optical Beam Splitter	Great Britain	Granted	0059936	1985/08/21	1989/12/17
2851	P0098A	Optical Beam Splitter	United States	Granted	4,497,477	1984/12/11	1989/12/17
2873	P0099ADE	Apparatus Useful With A Chromatography Column	Germany	Granted	P3277842.0	1986/10/15	1990/07/19
2873	P0099ACH	Apparatus Useful With A Chromatography Column	Switzerland	Granted	0075689	1986/10/15	1990/07/19
2873	P0099ACB	Apparatus Useful With A Chromatography Column	Great Britain	Granted	0075689	1986/10/15	1990/07/19
2772	P0100ADE	Apparatus And Method Useful For Analyzing Refractory Substances	Germany	Granted	3205580	1993/05/13	1998/02/17
2772	P0100AJP	Apparatus Useful For Analyzing Refractory Substances	Japan	Granted	1,676,354	1992/09/26	1997/02/16
2772	P0100A	Apparatus Useful For Analyzing Refractory Substances	United States	Granted	4,400,354	1983/08/23	1989/12/17
2780	P0101A	Apparatus Useful For Analyzing Refractory Substances	United States	Granted	4,419,575	1983/12/06	1989/12/17
2876	P0102AEP	Control Circuit For Liquid Chromatograph	Europe	Granted	0085172	1987/11/11	1992/12/17
2876	P0102AFR	Control Circuit For Liquid Chromatograph	France	Granted	0085172	1987/11/11	1992/12/17
2876	P0102ADE	Control Circuit For Liquid Chromatograph	Germany	Granted	P3277648.9	1987/11/11	1992/12/17
2876	P0102AJP	Control Circuit For Liquid Chromatograph	Italy	Granted	0085172	1987/11/11	1992/12/17
2876	P0102ASE	Control Circuit For Liquid Chromatograph	Japan	Granted	1,755,762	1993/04/23	1998/02/17
2876	P0102ACH	Control Circuit For Liquid Chromatograph	Switzerland	Granted	0085172	1987/11/11	1992/12/17
2876	P0102ACB	Control Circuit For Liquid Chromatograph	Great Britain	Granted	0085172	1987/11/11	1992/12/17
2876	P0102A	Control Circuit For Liquid Chromatograph	United States	Granted	4,450,574	1984/05/22	1989/12/17
2876	P0102AFR	Spectrophotometer	France	Granted	0087588	1987/01/07	1992/12/17
2876	P0102ACH	Spectrophotometer	Germany	Granted	P3368984.9	1987/01/07	1992/12/17
2876	P0102AJP	Spectrophotometer	Japan	Granted	0087588	1987/01/07	1992/12/17
2876	P0102ASE	Spectrophotometer	Switzerland	Granted	4,464,051	1984/08/07	1989/12/17
2876	P0102ACB	Spectrophotometer	Great Britain	Granted	0129,120	1984/08/17	1989/12/17
2876	P0102A	Spectrophotometer	United States	Granted	P3473509.7	1984/08/17	1989/12/17
2876	P0102AFR	Liquid Level Sensor	Germany	Granted	0129,120	1984/08/17	1989/12/17
2876	P0102ACH	Liquid Level Sensor	Switzerland	Granted	0129,120	1984/08/17	1989/12/17
2876	P0102AJP	Liquid Level Sensor	Japan	Granted	4,532,799	1985/08/06	1990/07/20
2876	P0102ASE	Liquid Level Sensor	Great Britain	Granted	4,417,188	1985/11/22	1990/07/20
2876	P0102ACB	Liquid Level Sensor	United States	Granted	3572537.0	1986/08/23	1991/01/29
2876	P0102A	Liquid Level Sensor	Germany	Granted	1,928,835	1985/05/12	1989/12/17
2876	P0102AFR	L.C. Sample Cell	Japan	Granted	0154,792	1989/08/23	1995/11/30
2876	P0102ACH	L.C. Sample Cell	Switzerland	Granted	0154,792	1989/08/23	1995/11/30
2876	P0102AJP	L.C. Sample Cell	Great Britain	Granted	0154,792	1989/08/23	1995/11/30
2876	P0102ASE	L.C. Sample Cell	United States	Granted	4,598,765	1986/07/08	1991/01/29
2876	P0102ACB	L.C. Sample Cell	Germany	Granted	561,564	1987/05/14	1992/12/17
2876	P0102A	L.C. Sample Cell	Australia	Granted	P3376594.5	1986/11/20	1991/01/29
2876	P0102AFR	Thin Drawn Soda Glass Coated To Protect From Contact	Germany	Granted	0101982	1988/11/20	1993/08/04
2876	P0102ACH	Thin Drawn Soda Glass Coated To Protect From Contact	Italy	Granted	0101982	1988/11/20	1993/08/04
2876	P0102AJP	Thin Drawn Soda Glass Coated To Protect From Contact	Japan	Granted	0101982	1988/11/20	1993/08/04
2876	P0102ASE	Thin Drawn Soda Glass Coated To Protect From Contact	Switzerland	Granted	0101982	1988/11/20	1993/08/04
2876	P0102ACB	Thin Drawn Soda Glass Coated To Protect From Contact	Great Britain	Granted	0101982	1988/11/20	1993/08/04
2876	P0102A	Thin Drawn Soda Glass Coated To Protect From Contact	United States	Granted	0101982	1988/11/20	1993/08/04
2876	P0102AFR	Ship Control Assembly	Europe	Granted	0133226	1988/03/30	1994/07/20

3061	P0110ABE	Sig Clutch Assembly	Belgium	Granted	0,133,226	1988/03/30	64108028.6	1984/7/9
3061	P0110AFR	Sig Clutch Assembly	France	Granted	0,133,226	1988/03/30	64108028.6	1984/7/9
3061	P0110ADE	Coupler Mechanism	Germany	Granted	34,701,990	1988/03/30	64108028.6	1984/7/9
3061	P0110AML	Sig Clutch Assembly	Netherlands	Granted	0,133,226	1988/03/30	64108028.6	1984/7/9
3061	P0110ANT	Sig Clutch Assembly	Italy	Granted	0,133,226	1988/03/30	64108028.6	1984/7/9
3061	P0110ACH	Sig Clutch Assembly	Switzerland	Granted	0,133,226	1988/03/30	64108028.6	1984/7/9
3061	P0110A	Sig Clutch Assembly	United States	Granted	4,560,050	1985/12/24	06517,080	1983/07/25
3061	P0110AEP	Sig Clutch Assembly	Europe	Granted	0,135,761	1987/10/05	64109506.0	1984/08/09
3061	P0110ABE	Spectrophotometer	Belgium	Granted	0,135,761	1987/10/05	64109506.0	1984/08/09
3061	P0110ADE	Spectrophotometer	France	Granted	0,135,761	1987/10/05	64109506.0	1984/08/09
3061	P0110ADE	Optical Design Of Fourier Transform Spectrophotometer	Germany	Granted	P3484468.8	1987/10/05	64109506.0	1984/08/09
3061	P0110AML	Spectrophotometer	Netherlands	Granted	0,135,761	1987/10/05	64109506.0	1984/08/09
3061	P0110ANT	Spectrophotometer	Italy	Granted	0,135,761	1987/10/05	64109506.0	1984/08/09
3061	P0110AJP	Optical Design Of Fourier Transform Spectrophotometer	Japan	Granted	1,800,723	1983/11/12	64109506.0	1984/08/09
3061	P0110AGH	Spectrophotometer	Switzerland	Granted	0,135,761	1987/10/05	64109506.0	1984/08/09
3061	P0110AGS	Spectrophotometer	Great Britain	Granted	4,740,082	1988/04/26	06458,555	1986/04/24
3061	P0110A	Spectrophotometer	United States	Granted	4,448,684	1984/05/15	06451,789	1983/01/28
3061	P0110A	Solvent Pressurizing System	United States	Granted	4,618,935	1986/10/21	06558,765	1984/01/06
3061	P0110A	Liquid Chromatography Controller	United States	Granted	4,548,713	1985/10/22	06558,654	1984/03/02
3061	P0110A	Pulse Damper	Germany	Granted	3585429.5	1988/10/06	3585429	1984/10/03
3061	P0110ADE	RTV Pulse Damper	Japan	Granted				
3061	P0110AJP	Pulse Damper	Sweden	Granted	0,156,132	1988/10/06	85101262.6	1986/02/06
3061	P0110ASE	Pulse Damper	Switzerland	Granted	0,156,132	1988/10/06	85101262.6	1986/02/06
3061	P0110AGS	Pulse Damper	Great Britain	Granted	0,156,132	1988/10/06	85101262.6	1986/02/06
3061	P0110AAU	Holder Assembly For Reaction Tubes	Australia	Granted	706,789	1989/08/24	32881785	1983/09/27
3061	P0110AAU	KCP Bad Plasma Detector	Australia	Granted	705,036	1989/03/13	62194596	1984/02/11
3061	P0110AFR	Instantaneous Reading Multichannel Polychromatic Spectrophot	Europe	Granted	0,192,200	1984/03/06	86101901.6	1986/02/14
3061	P0110ADE	A Novel Array Spectrometer	Germany	Granted	3650491.2	1986/03/06	3650491	1986/03/06
3061	P0110ANL	Instantaneous Reading Multichannel Polychromatic Spectrophot	Netherlands	Granted	0,192,200	1986/03/06	86101901.6	1986/02/14
3061	P0110AJP	A Novel Array Spectrometer	Japan	Granted	2,602,809	1987/01/29	86101901.6	1986/02/14
3061	P0110ACH	Instantaneous Reading Multichannel Polychromatic Spectrophot	Switzerland	Granted	0,192,200	1986/03/06	86101901.6	1986/02/14
3061	P0110AGB	Instantaneous Reading Multichannel Polychromatic Spectrophot	Great Britain	Granted	0,192,200	1986/03/06	86101901.6	1986/02/14
3061	P0110A	Instantaneous Reading Multichannel Spectrophotometer	United States	Granted	4,678,917	1987/07/07	06703,260	1985/02/19
3061	P0110AJP	Holder Assembly For Reaction Tubes	Germany	Granted	3407065	1984/12/22	3407065	1984/02/27
3061	P0110A	Holder Assembly For Reaction Tubes	Japan	Granted	1,919,140	1985/04/07	3548804	1984/02/28
3061	P0110A	Holder Assembly For Reaction Tubes	United States	Granted	5,032,283	1991/07/16	06703,260	1985/02/19
3061	P0110A	Apparatus For Monitoring A Plasma Torch	United States	Granted	4,640,827	1987/02/03	06526,758	1985/08/26
3061	P0110AEP	An Apparatus And Method For Optimizing Separation Of An Unkn	Europe	Granted	0,175,925	1987/09/30	85110513.0	1985/08/21
3061	P0110AFR	An Apparatus And Method For Optimizing Separation Of An Unkn	France	Granted	0,175,925	1987/09/30	85110513.0	1985/08/21
3061	P0110ADE	An Apparatus And Method For Optimizing The Separation Of An	Germany	Granted	P3585705.1	1982/09/30	85110513.0	1985/08/21
3061	P0110ANL	An Apparatus And Method For Optimizing The Separation Of An	Netherlands	Granted	0,175,925	1982/09/30	85110513.0	1985/08/21
3061	P0110AJP	An Apparatus And Method For Optimizing The Separation Of An	Japan	Granted	2,075,811	1986/07/25	85110513.0	1985/08/21
3061	P0110ACH	An Apparatus And Method For Optimizing The Separation Of An	Switzerland	Granted	0,175,925	1982/09/30	85110513.0	1985/08/21
3061	P0110AGB	An Apparatus And Method For Optimizing Separation Of An Unkn	Great Britain	Granted	0,175,925	1982/09/30	85110513.0	1985/08/21
3061	P0110A	Apparatus And Method For Optimizing Separation Of A Sample	United States	Granted	4,578,663	1988/04/01	06453,256	1984/09/24
3061	P0110A	Production Of Flexible Glass Capillary Tubing Without Extern	United States	Granted				
3061	P0120A	Light Detector Apparatus	United States	Granted	5,073,345	1991/12/17	06753,370	1985/07/09
3061	P0120A	Sample Cell Temperature Stabilizer	United States	Granted	4,598,477	1986/05/20	06576,680	1984/02/03
3061	P0120AEP	Compensator Plate Adjustment For Beam Splitter	Europe	Granted	0,137,206	1991/01/23	64109507.8	1984/08/09
3061	P0120AFR	Compensator Plate Adjustment For Beam Splitter	Belgium	Granted	0,137,206	1991/01/23	64109507.8	1984/08/09
3061	P0120AFR	Compensator Plate Adjustment For Beam Splitter	France	Granted	0,137,206	1991/01/23	64109507.8	1984/08/09
3061	P0120ADE	Compensator Plate Adjustment For Beam Splitter	Germany	Granted	P3483982.5	1991/01/23	64109507.8	1984/08/09
3061	P0120ANL	Compensator Plate Adjustment For Beam Splitter	Netherlands	Granted	0,137,206	1991/01/23	64109507.8	1984/08/09
3061	P0120ANT	Compensator Plate Adjustment For Beam Splitter	Italy	Granted	0,137,206	1991/01/23	64109507.8	1984/08/09

3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Japan	Granted	2,131,945	1986/08/12		1984/08/09
3173	P0123ACH	Compensator Plate Adjustment For Beam Splitter	Switzerland	Granted	0,137,205	1987/10/23	24,109,507.8	1984/08/09
3173	P0123AGB	Compensator Plate Adjustment For Beam Splitter	Great Britain	Granted	0,137,208	1987/10/23	84,109,507.8	1984/08/09
3173	P0123A	Assembly For Adjusting An Optical Element	United States	Granted	4,735,505	1988/04/05	08/527,885	1983/06/30
3175	P0124ABE	Purge Shutter Mechanism	Belgium	Granted	0,144,539	1988/08/08		
3175	P0124ADE	Purge Shutter Mechanism	Germany	Granted	347,931.5	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	P0124A	Purge Shutter Mechanism	United States	Granted	4,603,835	1988/08/05	08/548,952	1983/11/06
3176	P0125AEP	Digital Control For Rapid Refill Of A Liquid Chromatograph	Europe	Granted	0,194,450	1987/10/23	88/10,1623	1988/02/07
3176	P0125AFR	Digital Control For Rapid Refill Of A Liquid Chromatograph	France	Granted	0,194,450	1987/10/23		
3176	P0125ADE	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Germany	Granted	367,029.8	1987/10/23	367,029	1987/10/23
3176	P0125ANL	Digital Control For Rapid Refill Of A Liquid Chromatograph	Netherlands	Granted	0,194,450	1987/10/23		
3176	P0125AIT	Digital Control For Rapid Refill Of A Liquid Chromatograph	Italy	Granted	0,194,450	1987/10/23		
3176	P0125AJP	Digital Control For Rapid Refill Of A Liquid Chromatograph	Japan	Granted	1,979,685	1988/10/17		
3176	P0125ASE	Digital Control For Rapid Refill Of A Liquid Chromatograph	Sweden	Granted	0,194,450	1987/10/23		
3176	P0125AGB	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Switzerland	Granted	0,194,450	1987/10/23		
3176	P0125ACH	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Great Britain	Granted	0,194,450	1987/10/23		
3176	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	United States	Granted	4,643,649	1987/10/23	06/700,785	1988/02/11
3196	P0126AEP	Interferometer Mirror Adjustment	Europe	Granted	0,154,173	1987/10/27	65/103,202	1988/03/19
3196	P0126AFR	Interferometer Mirror Adjustment	France	Granted	0,154,173	1987/10/27		
3196	P0126ADE	Interferometer Mirror Adjustment	Germany	Granted	1,976,664	1988/11/02	367,4050	1988/11/02
3196	P0126AGB	Interferometer Mirror Adjustment	Japan	Granted	0,154,173	1987/11/02		
3196	P0126A	Assembly For Positioning An Optical Element	United States	Granted	4,621,898	1986/11/11	06/581,768	1984/04/08
3213	P0128AEP	Micro Argon Detector	Europe	Granted	0,184,892	1987/10/19	83/05186.9	1988/07/22
3213	P0128AFR	Micro Argon Detector	France	Granted	0,184,892	1987/10/19	83/05186.9	1988/07/22
3213	P0128ADE	Micro Argon Detector	Germany	Granted	1,982/08/19	83/05186.9	1988/07/22	
3213	P0128ANL	Micro Argon Detector	Netherlands	Granted	1,982/08/19	83/05186.9	1988/07/22	
3213	P0128AJP	Micro Argon Detector	Japan	Granted	0,184,892	1987/10/19	83/05186.9	1988/07/22
3213	P0128ACH	Micro Argon Detector	Switzerland	Granted	1,898,498	1988/07/19	27,839,265	1988/07/22
3213	P0128AGB	Micro Argon Detector	Great Britain	Granted	0,184,892	1987/10/19	83/05186.9	1988/07/22
3213	P0128A	Micro Argon Detector	United States	Granted	4,740,885	1988/04/26	06/781,563	1988/07/15
3213	P0128A	Ionization Detectors for Gas Chromatography	United States	Granted	4,609,810	1988/08/02	06/624,313	1988/04/25
3254	P0130AEP	Apparatus for controlling a Plasma	Europe	Granted	0,151,493	1987/05/20	84/104,441	1988/04/12
3255	P0130AEP	Liquid Chromatographic Cartridge Column System	France	Granted	0,151,493	1987/05/20	85/104,441.2	1988/04/12
3255	P0130AFR	Liquid Chromatographic Cartridge Column System	Germany	Granted	1,982/05/20	85/104,441.2	1988/04/12	
3255	P0130ADE	Liquid Chromatographic Cartridge Column System	Netherlands	Granted	1,982/05/20	85/104,441.2	1988/04/12	
3255	P0130ANL	Liquid Chromatographic Cartridge Column System	Japan	Granted	0,151,493	1987/05/20	85/104,441.2	1988/04/12
3255	P0130AJP	Liquid Chromatographic Cartridge Column System	Switzerland	Granted	2,674,045	1988/05/20	158,949,94	1988/04/12
3255	P0130ACH	Liquid Chromatographic Cartridge Column System	Great Britain	Granted	0,151,493	1987/05/20	85/104,441.2	1988/04/12
3255	P0130AGB	Liquid Chromatographic Cartridge Column System	United States	Granted	4,587,014	1986/05/06	06/507,878	1984/05/07
3255	P0130A	Liquid Chromatographic Cartridge Column System	Europe	Granted	0,288,203	1987/10/20		
3256	P024AEP	Polymerization For Multi-Element Analysis	Europe	Granted	0,155,496	1987/10/20	85/104,457	1988/02/11
3256	P024A	Polymerization For Multi-Element Analysis	United States	Granted	4,785,257	1989/01/03	07/024,237	1987/03/10
3258	P0131AEP	Dual Servo Impedance Matching System For Icp Spectroscopy	France	Granted	0,155,496	1987/10/20		
3258	P0131AFR	Dual Servo Impedance Matching System For Icp Spectroscopy	Germany	Granted	0,155,496	1987/10/20		
3258	P0131ADE	Dual Servo Impedance Matching System For Icp Spectroscopy	Italy	Granted	0,155,496	1987/10/20		
3258	P0131ANL	Dual Servo Impedance Matching System For Icp Spectroscopy	Japan	Granted	2,111,788	1986/03/22	618,900,93	1988/02/28
3258	P0131AJP	Dual Servo Impedance Matching System For Icp Spectroscopy	United States	Granted	5,108,187	1992/04/28	07/272,393	1991/06/19
3654	P0244A	Section Grating Generator	Great Britain	Granted	0,155,496	1987/10/20		
3258	P0131AGB	Dual Servo Impedance Matching System For Icp Spectroscopy	United States	Granted	4,629,940	1986/12/16	06/585,807	1984/07/02
4314	P0245AEP	Correction Of Spectra For Stray Radiation	Europe	Granted	0,658,751	1988/08/05		
4314	P0245AFR	Correction Of Spectra For Stray Radiation	France	Granted	0,658,751	1988/08/05		

4314	P0245ADE	Correction Of Spectra For Stray Radiation	Germany	Granted	6941222.1	1988/04/05		
3259	P0132AEP	Multiple Streams Sampling System	Europe	Granted	0154186	1991/09/25		
4314	P0245AUP	Correction Of Spectra For Stray Radiation	Japan	Pending				
3259	P0132ADE	Multiple Streams Sampling System	Germany	Granted	3394175.3	1991/09/25	3136899.4	1994/12/16
3259	P0132ASE	Multiple Streams Sampling System	Sweden	Granted	0154186	1991/09/25		
4314	P0245AGB	Correction Of Spectra For Stray Radiation	Great Britain	Granted	0638761	1988/04/05	64118876.4	1994/12/15
3258	P0132ACH	Multiple Streams Sampling System	Switzerland	Granted	0154186	1991/09/25		
4314	P0245A	Correction Of Spectra For Stray Radiation	United States	Granted	5,428,558	1995/06/27	00168,800	1993/12/17
3259	P0132A	Apparatus For Periodically Monitoring Composition Of Samples	United States	Granted	4,676,639	1997/07/07	06455,787	1994/03/02
3267	P0134A	Synchronous Wavelength Drive And Data Acquisition Compensation	United States	Granted	4,660,977	1997/04/28	067/04,344	1995/02/22
3262	P0135A	Safety Apparatus For An Atomic Absorption Spectro Bumer	United States	Granted	4,668,267	1996/02/04	06670,711	1994/11/13
3266	P0137A	Self-Sprung Lampholder	United States	Granted	4,597,034	1996/06/24	06670,715	1994/11/13
3307	P0138AEP	Programmed Temperature Control Of A Thermal System	Europe	Granted	0164283	1991/12/04	85305185.1	1985/07/22
3307	P0138AFR	Programmed Temperature Control Of A Thermal System	France	Granted	0164283	1991/12/04	85305185.1	1985/07/22
3307	P0138ADE	Programmed Temperature Control Of A Thermal System	Germany	Granted	0164283	1991/12/04	85305185.1	1985/07/22
3307	P0138ANL	Programmed Temperature Control Of A Thermal System	Netherlands	Granted	0164283	1991/12/04	85305185.1	1985/07/22
3307	P0138AUP	Programmed Temperature Control Of A Thermal System	Japan	Granted	2,033,583	1996/03/19	27238185.1	1995/12/03
3307	P0138AGH	Programmed Temperature Control Of A Thermal System	Switzerland	Granted	0164283	1991/12/04	85305185.1	1985/07/22
3307	P0138AGB	Programmed Temperature Control Of A Thermal System	Great Britain	Granted	4,752,218	1996/06/21	066930,982	1996/01/13
3309	P0138A	Programmed Temperature Control Of A Thermal System	United States	Granted	4,837,441	1996/06/06	066922,588	1996/10/24
3309	P0138A	Ionization Detectors For Gas Chromatography	United States	Granted	2,103,697	1990/07/11	8528765.6	1985/10/20
3312	P0140ADE	Linearized Ultra-Low Noise Hot Preamp	Germany	Granted	3605488	1995/05/24	3605488	1996/02/20
3312	P0140AUP	Linearized Ultra-Low Noise Hot Preamp	Japan	Granted	2,068,543	1996/07/10	3540946	1996/02/20
3312	P0140AGB	Detector Preamplifier	Great Britain	Granted	2,171,512	1996/07/10	3601993.9	1996/02/20
3312	P0141A	Fluid Flow Control System	United States	Granted	4,682,022	1997/07/21	067/04,355	1995/02/21
2445	P0256ADE	Optical Beam Switching Apparatus	United States	Granted	4,617,953	1996/10/21	06670,714	1994/11/13
2445	P0256AUP	Optical Beam Switching Apparatus	Germany	Granted	02828145	1997/09/10	2828145	1997/06/27
2445	P0256AUP	Optical Beam Switching Apparatus	Italy	Granted	1119127	1996/02/03		
2445	P0256AGB	Optical Beam Switching Apparatus	Great Britain	Granted	1599349	1997/05/30		
3321	P0143A	System For Changing Oxidants In A Spectrophotometer	United States	Granted	4,571,172	1996/02/16	06670,713	1994/11/13
2515	P0257AUP	Spectroscopic Phase Synchronization Apparatus	Japan	Granted	1,711,151	1992/11/11	0624082	1994/01/26
2515	P0257AGB	Spectroscopic Phase Synchronization Apparatus	United States	Granted	2,092,288	1994/08/22	8131707.6	1991/10/21
2646	P0258AUP	Method And Apparatus For Determining The Nature Of An Unknown	United States	Granted	4,385,852	1993/06/02	066229,683	1991/01/29
2780	P0101AUP	Apparatus Useful For Postioning A Light Filter	Japan	Granted	1,670,092	1992/06/12	1675381	1991/02/06
3331	P0144AFR	Solvent Pressurizing & Degassing System	Great Britain	Granted	2,070,235	1994/02/01	8103068.4	1991/02/02
3331	P0144AUP	Solvent Pressurizing & Degassing System	Australia	Granted	584,477	1995/12/12	8437182	1992/06/01
3331	P0144ADE	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	France	Granted	0179349	1989/05/24		
3331	P0144ANL	Solvent Pressurizing & Degassing System	Europe	Pending	3570527.2	1989/05/24	90101324.3	1990/01/23
3331	P0144AUP	Solvent Pressurizing & Degassing System	Germany	Granted	0179349	1989/05/24	3570527	1990/05/24
3331	P0144AGB	Solvent Pressurizing & Degassing System	Netherlands	Granted	0179349	1989/05/24		
3331	P0144A	Solvent Pressurizing & Degassing System	Switzerland	Granted	0179349	1989/05/24		
60377E	P0280AUP	Solvent Pressurizing System	United States	Granted	14,541,452	1995/09/17	06659,374	1994/10/10
3365	P0145AFR	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Japan	Pending	3,063,832	2000/04/07	3854390	1990/01/16
3365	P0145AUP	Ionization Detectors For Gas Chromatography	Europe	Granted	0249714	1992/06/17	87105713.9	1987/04/16
3365	P0145AGB	Ionization Detectors For Gas Chromatography	France	Granted	0249714	1992/06/17	87105713.9	1987/04/16
3365	P0145ANL	Ionization Detectors For Gas Chromatography	Germany	Granted	0249714	1992/06/17	87105713.9	1987/04/16
3365	P0145A	Ionization Detectors For Gas Chromatography	Netherlands	Granted	0249714	1992/06/17	87105713.9	1987/04/16
3365	P0145A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Canada	Granted	2,007,782	1992/06/17	87105713.9	1987/04/16
3365	P0145A	Ionization Detectors For Gas Chromatography	Italy	Granted	0249714	1992/06/17	87105713.9	1987/04/16
3365	P0145A	Ionization Detectors For Gas Chromatography	Japan	Granted	2,574,289	1990/10/24		
3365	P0145A	Ionization Detectors For Gas Chromatography	Sweden	Granted	0249714	1992/06/17	87105713.9	1987/04/16
3365	P0145A	Ionization Detectors For Gas Chromatography	Great Britain	Granted	0249714	1992/06/17	87105713.9	1987/04/16
3365	P0145A	Ionization Detectors For Gas Chromatography	United States	Granted	4,873,862	1999/10/17	07004,810	1997/01/09
4369	P0042AAU	Ionization Detectors For Gas Chromatography	Australia	Granted	707,363	1999/07/08	2501195	1995/07/14

3369	P0166AEP	Automatic Optimization Procedure	Europe	Granted	0192201	1992/07/29	6344/496	1996/02/20
3368	P0166AAU	Automatic Optimization Procedure	Australia	Granted	585,853	1989/07/27	500,841	1995/07/21
3367	P0166ACA	Automatic Optimization Procedure	Canada	Granted	1,271,342	1990/07/10		
3366	P0166ADE	Automatic Optimization Procedure	Germany	Granted	3686175.8	1992/07/29		
3365	P0166ANL	Automatic Optimization Procedure	Netherlands	Granted	0192201	1992/07/29		
3364	P0166ANT	Automatic Optimization Procedure	Italy	Granted	0192201	1992/07/29		
3363	P0166AJP	Automatic Optimization Procedure	Japan	Granted	1,811,192	1993/04/09	35408185	1998/02/21
3362	P0166ACH	Automatic Optimization Procedure	Switzerland	Granted	0192201	1992/07/29		
3361	P0166A	Automatic Optimization Procedure	United States	Granted	4,689,754	1987/08/25	06704,358	1993/02/21
3360	P0199AAU	Atomic Absorption Spectrometer	Australia	Granted	502,261	1989/03/16	60956486	1995/08/07
3359	P0199AJP	Atomic Absorption Spectrometer	Japan	Granted	2,118,078	1988/12/05		
3358	P0199A	Atomic Absorption Spectrometer	United States	Granted	4,991,969	1993/02/12	067893,786	1996/08/06
3357	P0200AJP	Gas Control Device For Controlling The Fuel Gas	Japan	Granted	2,016,021	1994/02/19	191787/86	1996/08/16
3356	P0147A	Atom The Control Adjustment Device	United States	Granted	4,689,324	1987/06/02	06853,263	1996/04/17
3355	P0203A	Burner Assembly For Atomic Absorption Spectrometer	United States	Granted	4,716,694	1988/07/11	068932,957	1996/11/19
3354	P0147AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Japan	Granted				
3353	P0175A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	5,053,621	1989/11/01	070618,123	1990/1/19
3352	P0282A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,917,493	1990/04/17	07205,088	1990/04/13
3351	P0418A	Synchronization Of Digital Signals With Alternating Current	United States	Granted	4,861,207	1989/10/02	07488,150	1993/06/02
3350	P0023A	Puncher Hitting Mechanism For Use In Chromatography	United States	Granted	35,360,598	1996/11/01	07504,826	1997/04/05
3349	P0031A	Single Element Thermal Conductivity Detector	United States	Granted	5,265,459	1992/11/20	07748,588	1997/04/22
3348	P0025A	Circuit For Heating And Sensing With A Single Element	United States	Granted	5,098,198	1992/03/24	07748,588	1997/04/22
3347	P0281AAU	Optical Coupling Device	Australia	Granted	542,372	1985/02/21	76972/81	1987/10/20
3346	P0281ADE	Optical Coupling Device	Germany	Granted	317,683,27	1987/02/25	31759,92	1987/02/25
3345	P0281ACH	Optical Coupling Device	Switzerland	Granted	0031192	1987/02/25		
3344	P0041A	Superconducting And Calibrating A Spectrometric Instrument	United States	Granted	5,303,165	1994/04/12	070834,448	1997/02/12
3343	P0044A	Hybrid Varying System For Varying Fluid Flow Rate	United States	Granted	5,328,985	1994/07/19	08100,586	1997/07/20
3342	P0042A	Optical Spectrometer For Detecting Spectra In Separate Range	United States	Granted	5,565,983	1996/10/15	08451,351	1998/05/26
3341	P0043A	Nebulizer	United States	Granted	5,464,157	1995/11/07	08276,144	1997/07/16
3340	P0021A	Spark Sampling Microparticle Generator And Method	United States	Granted	5,452,089	1995/08/19	08137,854	1997/10/15
3339	P0021A	3 Point Bending Measuring System	United States	Granted	5,171,530	1990/12/15	07435,114	1997/11/13
3338	P0024C	Vial Locator And Sensor	Europe	Granted	0241840	1993/01/27	07703,689	1997/12/01
3337	P0004AEP	Integral Separation Capillary/Conductivity Detector	France	Granted	0241840	1993/01/27	07105,712.1	1997/04/05
3336	P0004AFR	Integral Separation Capillary/Conductivity Detector	Germany	Granted	0241840	1993/01/27	07105,712.1	1997/04/16
3335	P0004ADE	Integral Separation Capillary/Conductivity Detector	Netherlands	Granted	0241840	1993/01/27	07105,712.1	1997/04/16
3334	P0004ANL	Integral Separation Capillary/Conductivity Detector	Italy	Granted	0241840	1993/01/27	07105,712.1	1997/04/16
3333	P0004AJP	Integral Separation Capillary/Conductivity Detector	Japan	Granted	2,735,546	1993/01/27	07105,712.1	1997/04/16
3332	P0004ASE	Integral Separation Capillary/Conductivity Detector	Switzerland	Granted	0241840	1993/01/27	07105,712.1	1997/04/16
3331	P0004AGB	Method Of Fabricating Capillary Electro Separation Channels	United States	Granted	4,816,123	1989/03/28	06705,008	1997/07/06
3330	P0004A	Grasping Finger Proportion Sensor For A Robot System	United States	Granted	4,682,805	1987/07/12	06705,008	1997/07/06
3329	P0267A	Power Circuit For Spectral Analysis Gaseous Discharge Lamps	United States	Granted	4,716,342	1987/12/29	06704,948	1996/02/05
3328	P0267A	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,726,679	1988/02/23	06705,008	1996/02/05
3327	P0267A	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,694,811	1987/08/04	06705,008	1996/02/05
3326	P0270A	System For Calibrating A Monochromator	United States	Granted	4,779,216	1988/10/14	06705,008	1996/02/05
3325	P0271A	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,816,005	1989/10/24	07201,374	1996/12/08
3324	P0271AEP	High Pressure Column Assembly For A Liquid Chromatograph	Europe	Granted	0328146	1989/08/20	08102,368.1	1996/02/10
3323	P0271ADE	High Pressure Column Assembly For A Liquid Chromatograph	Germany	Granted	0328146	1989/08/20	08102,368.1	1996/02/10
3322	P0271AGB	High Pressure Column Assembly For A Liquid Chromatograph	Great Britain	Granted	0328146	1989/08/20	08102,368.1	1996/02/10
3321	P0272A	Programmable Lamp Plug	United States	Granted	4,670,813	1987/06/02	06705,008	1996/11/29
3320	P0273A	Phase Angle Measurement	United States	Granted				
3319	P0273AEP	Phase Angle Measurement	Europe	Granted				
3318	P0273AFR	Phase Angle Measurement	France	Granted				
3317	P0273ADE	Phase Angle Measurement	Germany	Granted				
3316	P0273AIF	Phase Angle Measurement	Italy	Granted				

P0273AUP	Phase Angle Measurement	Japan							
P0273ACH	Phase Angle Measurement	Switzerland							
P0273AGB	Phase Angle Measurement	Great Britain							
P0273ADE	Phase Synchronization	Germany							
P0109AEP	Chromatography Column	Europe	Granted	0101802	1988/1/30	83107709	1983/08/04		
P0085A	Regulated Deuterium Arc Supply System	United States	Granted	4,742,276	1988/05/03	06808536	1986/07/25		
P0260AKR	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,994,676	1987/10/21	07544,788	1980/06/25		
P0260AKR	Variable Gain Amplifier	Korea	Granted	141,585					
P0276ADE	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Germany	Granted	3307,697	1989/08/29	3307,697	1983/03/03		
P0085AUP	Apparatus For Reducing Current Leakage From A Resistance	Japan	Granted	1,559,343	1990/07/10	51426042	1982/02/21		
P0261AEP	Optical Coupling Device	Europe	Granted	0051162	1987/02/25	81101860	1981/10/02		
P0276AEP	Former System With Synchronous Clock For Generation Of Tl	Europe	Granted	0056136	1987/09/09	81101860	1981/10/02		
P0090AEP	Optical Beam Splitter	Europe	Granted	0056136	1985/08/21	82100844,3	1982/01/28		
P0090AEP	Apparatus Useful With A Chromatography Column	Europe	Granted	0075658	1986/10/15	821008509	1982/07/19		
P0103AEP	Spectrophotometer	Europe	Granted	0037568	1987/07/10	83100489,8	1983/07/20		
P0103AEP	Liquid Level Sensor	Europe	Granted	0129120	1988/04/17	84106422,4	1984/05/30		
P0106AEP	Sample Cell Temperature Stabilizer	Europe	Granted	0154792	1989/04/23	85101252,6	1985/01/30		
P0114AEP	Pulse Damper	Europe	Granted	01781349	1989/05/24	85112742	1985/10/08		
P0276AEP	Solvent Pressurizing & Degassing System	Europe	Granted	0185926	1992/09/30	85114718,1	1985/11/19		
P0033A	Multi-port Valve In Gas Collection System And Method	United States	Granted	5,428,695	1993/06/27	08/092,162	1983/07/16		
P0033A	Photometric Instrument With Optical Fibers For Analyzing	Australia	Granted	5,655,681	1993/05/01	88785104	1984/07/28		
P0033A	Thermal Insulating Container For Liquefied Gas	United States	Granted	5,762,381	1994/06/12	08/724,432	1984/10/01		
P0052A	Connecting Apparatus For Conveyance Of Cryogenic Fluid	United States	Granted	5,716,082	1994/06/08	08/525,975	1985/09/07		
P0053A	Fused Conveying Device With Removable Connection	United States	Granted	5,825,265	1994/02/10	08/950,775	1987/01/15		
P0062A	Mounting Apparatus For Induction Coupled Plasma Torch	United States	Granted	6,135,021	1995/07/20	94135021,9	1991/10/23		
P0284AEP	Analysis Of Organic Material	Germany	Granted	0280335	1995/07/26	88102940,9	1988/02/28		
P0284AEP	Thermal Conductivity Detector	Europe	Granted	0281866	1994/02/02	88103409,4	1988/03/04		
P0284AEP	Inductively Coupled Plasma Torch With Sample Injector	Europe	Granted	0281158	1994/01/12	88103413,6	1988/03/04		
P0284AEP	Power System For Inductively Coupled Plasma Torch	Europe	Granted	0281157	1994/06/29	88103403,7	1988/03/04		
P0284AEP	Chromatography Column	Germany	Granted	0287822	1993/03/10	88103514,3	1988/04/11		
P0290ADE		France	Granted	283681	1990/10/17	3218687	1988/11/18		
P0292ADE		Germany	Granted	39540755	1995/04/22	39540755,9	1995/04/08		
P0296AEP	Computer Operated Spectrometric Instrument	Europe	Granted	0334303	1994/07/20	89105054,3	1989/03/21		
P0297AEP	Low Frequency Signal Processing Circuitry	Europe	Granted	0344783	1994/03/02	89109946,3	1989/06/01		
P0300AEP	Monochromator Drift Compensation	Europe	Granted	0344782	1993/10/27	89109947,5	1989/06/01		
P0301AEP	Standardization Of Special Lines	Europe	Granted						
P0302AEP		Europe							
P0303AEP		Europe							
P0304AEP		Europe							
P0307AEP	Method And Apparatus For Comparing Spectra	Europe	Granted	0535700	1987/03/26	92118913,2	1992/10/02		
P0308AEP	Apparatus For Differential Analysis Of Sample Dielectric Pro	Europe	Granted	0558972	1993/09/08	93102156,7	1993/02/11		
P0069B	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Pending			091285,248	1899/08/28		
P0074B	Monitoring Constituents Of An Animal Organ Using Radiation	United States	Pending			091285,242	1899/08/28		
P0079AUP	Method Of Manufacturing Glass Beads	Japan	Granted	5,356,821		331288982	1992/11/18		
P0087B	Backwashing System For Gas Chromatography	United States	Granted	5,933,357	1993/08/03	08/251,789	1997/05/06		
P0317AUP		Japan	Pending			01-508578	1899/07/27		
P0318AUP		Japan	Pending			01-508455	1899/07/27		
P0319AUP		Japan	Pending			05-263036	1993/09/28		
P0279ADE	Multi-port Valve In Gas Collection System And Method	Germany	Granted	P23586715,9	1992/09/30	85114718,1	1985/11/19		
P0280ADE	Chromatography Column	Germany	Granted	P23578970,1	1993/03/10	88103514,3	1988/04/11		
P0301ADE	Standardization Of Special Lines	Germany	Granted	P68910186,0	1993/10/27	89109947,5	1899/06/01		
P0320ADE		Germany	Granted	3175277			1896/09/03		
P0272ADE		Germany	Granted	3662749		3662749	1991/12/04		

3638	P0266ADE	Inductively Coupled Plasma Torch With Sample Injector	Germany	Granted	P-2088962.4	1994/01/12	68103413.6	1998/03/04
3703	P0265ADE	Thermal Conductivity Detector	Germany	Granted	P-2087541.1	1994/02/02	68103409.4	1998/03/04
3809	P0300ADE	Monochromator Drift Compensation	Germany	Granted	P-6813259.6	1994/03/02	69109948.3	1998/06/01
3937	P0267ADE	Power System For Inductively Coupled Plasma Torch	Germany	Granted	P-1850422.7	1994/06/29	68103403.7	1998/03/04
3977	P0267ADE	Low Frequency Signal Processing Circuitry	Germany	Granted	P-6831682.4.1	1994/07/20	69105064.3	1998/03/21
3988	P0268ADE	Detection Cell For Spectrophotometer Used In Liquid Chromatography	Germany	Granted	P-6825339.9	1994/07/12	69105263.1	1998/03/21
4008	P0307ADE	Method And Apparatus For Computing Spectra	Germany	Granted	P-69218535.4	1997/03/28	82118913.2	1998/10/02
4073	P0308ADE	Apparatus For Differential Analysis Of Sample Dielectric Properties	Germany	Granted	P-69320217	1998/09/17	69320217	1998/02/11
4637	P0264ADE	Analysis Of Organic Material	Germany	Granted	P-1854208.9	1995/07/26	68102840.9	1998/02/28
4656	P0328A	Zero-Dilution Split Injector Liner For Gas Chromatography	United States	Pending			60154.208	1998/08/16
4657	P0328A	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Pending			60443.875	1998/11/19
4657	P0328A	Hybrid Film Type Sensor	United States	Pending			60444.334	1998/11/19
4657	P0328A	Endosure For Analytical Instrumentation	United States	Granted	D412.991	1998/08/17	261054.998	1997/01/16
4657	P0300A	Detection Of Low Level Analyses In Samples Using Agglutinated	United States	Granted	5,942.442	1998/08/24	68831.206	1997/04/02
3809	P0300A	Monochromator Drift Compensation	Australia	Granted	612.647	1991/07/18	3567.468	1989/06/01
3809	P0300A	Monochromator Drift Compensation	United States	Granted	4,916.645	1990/04/10	07201.250	1988/06/02
3809	P0300A	Monochromator Drift Compensation	Canada	Granted	1,321.486	1992/08/24	601.458	1988/06/01
3828	P0316ADE	Circuit For Synchronizing Digital Signals With Alternating C	Germany	Granted	4,024.459	1991/02/07	P4024458.8	1990/08/01
3828	P0316ADE	Circuit For Synchronizing Digital Signals With Alternate Cur	Germany	Granted	2,235.837	1993/06/16	9016503.6	1990/07/27
4015	P024ADE	Val Locator And Sensor	Germany	Granted	P-69108708.8	1995/06/17	91102281.2	1991/02/18
4015	P024ADE	Val Locator And Sensor	Europe	Granted	0444498	1995/06/17	91102281.2	1991/02/18
4015	P024ADE	Val Locator And Sensor	Australia	Granted	640.453	1993/08/26	7193319.1	1991/02/27
4070	P0031ADE	Single Element Thermal Conductivity Detector	Germany	Granted	0529285	1998/09/02	92112375.8	1992/07/20
4073	P0300A	Apparatus For Differential Analysis Of Sample Dielectric Pro	Germany	Granted	69226833.2	1998/08/02	92112375.8	1992/07/20
2730	P0278AGB	Detector Cell For Liquid Chromatography	United States	Granted	5,309.110	1994/06/03	070846.994	1992/03/04
3536	P0288AGB	3 Point Bending Measuring System	Great Britain	Granted	0185928	1992/08/30	65114718.1	1985/11/19
3994	P0021AGB	Vial Locator And Sensor	Great Britain	Granted	0335288	1995/07/12	99105263.1	1995/03/23
4015	P0024AGB	Standardizing And Calibrating A Spectrometric Instrument	Great Britain	Granted	0428010	1994/06/01	90120859.5	1990/10/21
4045	P0027AGB	Photodetector Amplifier Linearity	Great Britain	Granted	0444498	1995/05/17	91102281.2	1991/02/18
4063	P0028AGB	Method Of Manufacturing Glass Beads	Great Britain	Granted	0552604	1997/12/10	93100102.8	1993/01/07
4073	P0030AGB	Apparatus For Differential Analysis Of Sample Dielectric Pro	Great Britain	Granted	2,261.659	1995/06/28	9223599.3	1992/11/11
4073	P0030AGB	Apparatus For Differential Analysis Of Sample Dielectric Pro	Great Britain	Granted	0558972	1995/06/12	9223599.3	1992/11/11
4091	P0030AGB	Absorbance Correction In Atomic Absorption Spectroscopy	Great Britain	Granted	2,261.534	1995/12/06	9223599.5	1992/11/11
4091	P0030AGB	Method For Heating A Thermionic Detector Source	Great Britain	Granted	2,116.753	1996/01/29	98103866.5	1993/02/10
4096	P0030AGB	Variable Gain Amplifier	Great Britain	Granted	0529541	1996/04/17	92114351.9	1992/04/21
4096	P0030AGB	Photometric Instrument With Optical Fibers For Analyzing	Germany	Pending			P4424661.6	1994/07/14
4096	P0030AGB	Photometric Instrument With Optical Fibers For Analyzing	United States	Allowed			08101.819	1989/10/20
4096	P0030AGB	Method For Processing A Sample	United States	Pending			1002110	1995/01/17
4096	P0030AGB	Method For Processing A Sample	The Netherlands	Pending			PCT/NL87/00005	1987/01/07
4482	P0326ACA	Detection Of Low Level Hydrophobic Analyses In Samples	Canada	Published	2,265.282		9990440.7	1999/04/02
4482	P0326ACA	Detection Of Low Level Hydrophobic Analyses In Samples	Europe	Published	99914440.7		110.542004	1999/01/04
4482	P0326AEP	Detection Of Low Level Hydrophobic Analyses In Samples	Japan	Published	6979698		9990440.7	1999/01/04
4482	P0326AEP	Detection Of Low Level Hydrophobic Analyses In Samples	Australia	Published	12,285.219		99914435.7	1999/01/04
4501	P0330ACA	Detection Of Low Level Analyses In Samples Using Agglutinat	Europe	Published	6979698		9990440.7	1999/01/04
4501	P0330ACA	Detection Of Low Level Analyses In Samples Using Agglutinat	Australia	Published	10.541899		97900480.1	1999/01/04
4501	P0330AUP	Detection Of Low Level Analyses In Samples Using Agglutinat	Japan	Pending			97900480.1	1999/01/04
4501	P0330AUP	Method For Processing A Sample	Europe	Pending			97900480.1	1999/01/04
4501	P0330AUP	Detection Of Low Level Hydrophobic Analyses In Samples	United States	Granted	5,891.740	1999/04/06	08633.168	1997/04/02
4501	P0330AUP	Detection Of Low Level Hydrophobic Analyses In Samples	United States	Granted	4,820.046	1999/04/11	07123.025	1997/07/19
4501	P0330AUP	Photometric Instrument With Optical Fibers For Analyzing	Great Britain	Granted	2,312.044	1998/01/21	9714780.5	1997/07/19
4501	P0330AUP	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted			09300.009	1999/04/27
4501	P0330AUP	Computer Operated Spectrometric Instrument	United States	Allowed			09300.009	1999/04/27
4501	P0330AUP	Method And Apparatus For Iterative Spectral Compensation	United States	Pending			09300.009	2000/02/11
4501	P0330AUP	Method And Apparatus For Iterative Spectral Compensation	United States	Pending			09300.009	2000/02/11
5002	P0330AUP	Method And Apparatus For Iterative Spectral Compensation	United States	Pending			09300.009	2000/04/27

2766	P0087A	Fluid Flow Control Device	United States	Granted	4,354,932	1982/10/19	06/19/2002	1980/10/15
4458	P0069A	Heater Control Circuit	United States	Granted	5,672,289	1997/08/20	09/59,410	1986/07/11
4443	P0066A	Apparatus For Controlling Level Of Cryogenic Liquid	United States	Granted	5,671,603	1997/08/20	09/59,416	1986/07/11
4435	P0064A	Dry Gas Cutoff For Cryogenic Surface	United States	Granted	5,580,537	1997/08/20	09/524,555	1986/09/07
4431	P0060A	Conformal Having Rapid Coating Of A Heating Vessel Therein	United States	Granted	5,676,116	1998/03/02	09/565,588	1995/12/08
4430	P0049A	Gas Chromatographic System With Controlled Sample Transfer	United States	Granted	5,711,766	1998/01/27	09/734,689	1995/10/21
4411	P0047A	Flow Regulation In Gas Chromatograph	United States	Granted	5,545,252	1996/08/13	09/191,707	1995/03/01
3522	P0200A	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,681,350	1997/07/21	08/653,770	1995/05/16
4073	P0308AJP	Differential Dielectric Analyzer	Japan	Pending			05-064842	1997/03/02
3536	P0288AEP	Detector Cell	Europe	Granted	0335288	1995/07/12	89105283.1	1996/03/23
2856	P0276A	Optical Coupling Device	United States	Granted	4,494,212	1995/01/15	06/624,547	1994/07/06
2782	P0278A	Flowmeter System With Simultaneous Clock For Generation Of TI	United States	Granted	4,345,479	1992/08/24	06/724,783	1994/10/13
2730	P0278A	Multiport Valve In Gas Collection System And Method Of Use	United States	Granted	4,801,211	1998/07/22	06/680,669	1994/12/12
3536	P0298AJP	Low Cost Detector Cell	Japan	Granted	12,042,337	1999/12/24	76752789	1999/03/31
3538	P0298BEP	Detector Cell For Liquid Chromatography	Europe	Published	0626574		84109752.8	1999/03/23
4511	P0089C	Monitoring Constituents Of An Atrial Organ Using Statistical	United States	Pending			09/479,642	2000/01/07
5015	P0343A	Barcode Labeling Of ATD Tubes	United States	To File				
4479	P0064ACH	Analyzing Spectrometric Data	Switzerland	Granted	0034725		97117174.9	1997/10/02
4479	P0064ADE	Analyzing Spectrometric Data	Germany		0034725			
4479	P0064AFR	Analyzing Spectrometric Data	France		0034725			
4479	P0064AGB	Analyzing Spectrometric Data	Great Britain		0034725			
4479	P0064AIT	Analyzing Spectrometric Data	Italy		0034725			
4479	P0064ANL	Analyzing Spectrometric Data	Netherlands		0034725			
2730	P0278AJP	Multiport Valve In Gas Collection System And Method Of Use	Japan	Granted	1,838,829	1994/04/26	27811185	1985/12/12
4045	P0027ADE	Standardizing And Calibrating A Spectrometric Instrument	Germany	Granted	0560006		93100106.9	1993/01/07
4046	P0028ADE	Photodetector Amplifier Linearity	Germany	Granted	P69309504	1997/04/09	93100102.6	1993/01/07
4076	P0033AAU	Absorbance Correction In Atomic Absorption Spectroscopy	Australia	Granted	654,068		2281482	
4483	P0069AAU	Grouping Of Spectral Bands For Data Acquisition	Australia	Granted	667,614		5757394	
4642	P0345A	Tunable External Cavity Diode Laser	Europe	Published			97938051.6	1997/07/28
4641	P0345AJP	Use Of High Lines From High Lamp For Wavelength Standardization	United States	To File				
4641	P0345A	Low Cost Detector Cell	Japan	Granted	3,016,789	1998/12/24	79762789	1989/12/24
5003	P0347A	Use Of Ne Lines For ICP Instrument Standardization	United States	To File				
5003	P0348A	Methods And Apparatus To Improve The Sensitivity	United States	Pending			60/193,974	2000/03/31
5006	P0349A	Apparatus And Methods For Bioluminescent Analytical Methods	United States	Pending			60/193,519	2000/03/31
	P0350A	Polymeric Reagent Pad						
	P0351A	Sampling Device For Use In Automated Methods						
3824	P0069A	Arc Spray Gun For Coating Confined Areas	United States	Granted	4,653,513	1998/08/01	07/187,106	1998/04/28
3824	P0069ACA	Arc Spray Gun For Coating Confined Areas	Canada	Granted	1,314,944	1993/03/23	597,286	1998/04/20
3824	P0069AJP	Arc Spray Gun For Coating Confined Areas	Japan	Granted	2-164470	1990/06/25	1-104817	1989/04/26
3824	P0069AEP	Arc Spray Gun For Coating Confined Areas	Europe	Granted	0339650		89107695.1	1989/04/27
3824	P0069ACN	Arc Spray Gun For Coating Confined Areas	Cuba	Granted	1039878			
3824	P0069ADE	Arc Spray Gun For Coating Confined Areas	Germany	Granted	68922646		89107695.1	1989/04/27
	P0032AJP							
5000	P0353A	Pedaling Of The Torch Glassware	United States	Pending			60/175,888	2000/01/13
3264	P0302A	Digital Gain Controlled Current To Voltage Amplifier	United States	Granted	4,688,877	1997/06/02	06/704,388	1998/02/22
	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						
	P0328AIT	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0328AWO	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
	P0071B	Autosampler	United States	Pending			09/516,466	2000/03/03
	P0045ADE	Refractometer	Germany	Pending			65514870.2-08	1999/06/22
	P0047BAU	Flow Regulation In Gas Chromatograph	Australia	Pending			175/600	2000/02/18

P0035AUF	Fluid Conveying Device With Removable Connection	Italy	Pending				
P0035AFR	Fluid Conveying Device With Removable Connection	France	Pending				
P0035ADE	Fluid Conveying Device With Removable Connection	Germany	Pending				
P0035AGH	Fluid Conveying Device With Removable Connection	Switzerland	Pending				
P0035AWO	Self Aligning Optical Fiber Terminator	PCT	Pending				
P0357A	Non-Contacting Method of Cleaning Surfaces	United States	Granted	4,806,024	1990/08/11	PCT/US90/09687	2000/04/01
P0357ACA	Non-Contacting Method of Cleaning Surfaces	Canada	Granted	1,315,823	1988/04/13	07/391,715	1989/06/07
P0357AEP	Non-Contacting Method of Cleaning Surfaces	Europe	Granted	0324435	1986/07/19	687,985	1988/01/11
P0357AJP	Non-Contacting Method of Cleaning Surfaces	Japan	Granted	1,225,125	1986/08/08	89100346,9	1988/01/10
P0357ADE	Non-Contacting Method of Cleaning Surfaces	Germany	Granted	6800422	1993/11/04	809,422	1988/01/10
P0358A	Scanning Array Spectrophotometer	United States	Granted	4,798,464	1989/01/17	06/838,858	1986/03/12
P0359A	Method and Apparatus For Reactionless Rotation	United States	Granted	5,131,611	1982/07/21	891,935	1991/04/26
P0042ADE	Nebulizer	Germany	Granted	693,320		P69514870,2	
P0042AGB	Nebulizer	United Kingdom	Granted	693,320		693,320	
P0042ANT	Nebulizer	Netherlands	Granted	693,320		693,320	
P0333AAU	Method For Processing A Sample						
P0031AIT	Single Element Thermal Conductivity Detector	Italy	Granted	0529285	1998/08/02	92112375,8	1992/07/20
P0271AJP	High Pressure Column Assembly For A Liquid Chromatograph	Japan	Granted	2,670,879			
P0380A	Microtrophograph Apparatus	United States	Granted	4,952,858	1990/08/28	198,545	1988/05/18
P0360AEP	Microtrophograph Apparatus	Europe	Granted	0342639	1988/11/23	88104854,4	1988/05/17
P0360AJP	Microtrophograph Apparatus	Japan	Granted	2,035,709	1990/02/06	123,023	1989/05/18
P0360ACA	Microtrophograph Apparatus	Canada	Granted	1,304,173	1982/06/23	698,723	1989/05/15
P0360ADE	Microtrophograph Apparatus	Germany	Granted	6929233	1995/02/08	623,233	1989/05/17
P0361A	Design Of A Device For Sampling A Surface To Collect	United States	To File				
P0362A	Polymeric Carrier For Reagents	United States	To File				
P0363A	Low Cost Internal Calibration Standard	United States	To File				
P0364A	Dual Photodiode Connection Of Background For Bioluminescence	Great Britain	Granted	2,180,064			
P0199AGB	Atomic Absorption Spectrometer	Germany	Granted	P3870372,9		P3870372,9	
P0200ADE	Gas Control Device For Controlling The Fuel Gas	United States	To File				
P0265A	Conductive Coating To Eliminate Charge Effects And Reduce	United States	To File				
P0266A	Semi-Conducting Swab And Swabbing Technique	United States	To File				
P0267A	Dual Photodiode Connection Of Background For Bioluminescence	United States	To File				
P0268A	Semi-Conducting Detection Of Inhibitory Components	Germany	Pending			684,24,082,5-08	
4137	Grouping Of Spectral Bands For Data Acquisition	Great Britain	Granted	2,180,378	1987/09/25	0821,642	1986/09/10
3526	Device For Igniting A Flame In An Atomic Absorption Ectronel	Germany	Granted	P3332537,2	1987/03/19	P3532537,2	1985/09/12
3526	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	3529547,3			1985/08/17
3522	Method For Measuring Absolute Value Of Thermal Conductivity	United States	Granted			601210,256	2000/06/08
P0371A	Method Of Detecting Organisms In A Sample	United States	Granted	5,902,722	1988/05/11	08/985,574	1987/12/05
P0372A	Method Of Detecting Organisms In A Sample		Pending				
P0372AWO	Planar Electrochemical Gas Sensor	United States	To File				
P0376A	Planar Electrochemical Gas Sensor	United States	To File				
P0377A	Electrochemical Gas Sensor With Miniaturized Flow Channels	United States	To File				
P0378A	Calibration-Free Electrochemical Sensor	United States	To File				
P0380A	Electrochemical Sensor With Dry Neutron	United States	To File				
P0381A	Integrated Electrochemical Gas Generator	United States	To File				
P0382A	Prevention Of Flooding In Thick-Film Electrochemical Sensors	United States	To File				
P0383A	RH Compensation For Electrochemical Sensors With Differential	United States	To File				