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PATENT
3141-P0093A WWW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignor:	Perkin-Elmer Corporation
Assignee:	Perkin Elmer LLC
Patent No. 4,556,367	Issue Date: December 3, 1985
Title of Application:	Solvent Delivery System

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 having offices 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.

July 26, 2000

Danielle Dominici

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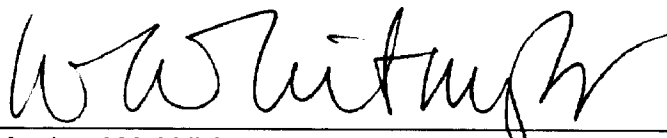
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PATENT
REEL: 011027 FRAME: 0742

5. Patent Number: 4,556,367.
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 (NE)*)

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 

4411	P0047AJP	Flow Regulation In Gas Chromatograph	Japan	Pending	0851572	4515106	1996/03/01
4427	P004BAEP	Solid State Inductively Coupled Plasma Generator	Europe	Pending	0851572	97121894.5	1997/12/12
4427	P004BAJP	Solid State Inductively Coupled Plasma Generator	Japan	Published	10000481	1997/08/15	1999/01/05
4430	P0049AEP	Gas Chromatographic System With Controlled Sample Transfer	Europe	Pending	0770889	96117016.4	1996/10/23
4430	P0049AJP	Gas Chromatographic System With Controlled Sample Transfer	Japan	Pending	0770889	96117016.4	1996/10/23
4431	P0050AEP	Calorimeter Having Rapid Cooling Of A Heating Vessel Therein	Europe	Granted	0770453	96119387.7	1996/12/03
4431	P0050AJP	Calorimeter Having Rapid Cooling Of A Heating Vessel Therein	Japan	Granted	8,176,577	1997/07/11	1996/12/03
4432	P0051AEP	Thermal Insulating Container For Liquefied Gas	Europe	Published	06113491.3	96113491.3	1996/08/22
4432	P0051AJP	Thermal Insulating Container For Liquefied Gas	Japan	Pending	236894496	1996/08/06	1996/12/03
4433	P0052AEP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Europe	Pending	0778439	96119385.1	1996/12/03
4433	P0052AJP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Japan	Pending	328654496	1996/12/03	1996/12/03
4434	P0053AEP	Fluid Conveying Device With Removable Connection	Europe	Published	0762033	96113490.5	1996/08/22
4434	P0053AJP	Fluid Conveying Device With Removable Connection	Japan	Pending	236894496	1996/08/06	1996/12/03
4435	P0054AEP	Dry Gas Curtain For Cryogenic Surfaces	Europe	Pending	0762034	96110836.2	1996/07/04
4435	P0054AJP	Dry Gas Curtain For Cryogenic Surfaces	Japan	Pending	234440496	1996/07/04	1996/12/03
4440	P0055AEP	Standardizing A Spectrometric Instrument	Europe	Pending	07122559.6	1997/12/19	1997/12/19
4440	P0055AJP	Standardizing A Spectrometric Instrument	Japan	Pending	35355097	1997/12/19	1997/12/19
4443	P0056AEP	Apparatus For Controlling Level Of Cryogenic Liquid	Europe	Granted	6,049,762	2000/04/11	1997/12/19
4443	P0056AJP	Apparatus For Controlling Level Of Cryogenic Liquid	Japan	Pending	96119036.9	1997/12/19	1996/12/03
4445	P0057AEP	Standardizing Between Analytical Instruments	Europe	Pending	0851219	9712255.1	1997/12/19
4445	P0057AJP	Standardizing Between Analytical Instruments	Japan	Pending	35374897	1997/12/19	1997/12/19
4456	P0057AEP	Standardizing Of Chromatographic Systems	Europe	Pending	0878712	087892.483	1996/05/18
4457	P0058AEP	Standardizing Of Chromatographic Systems	Europe	Pending	0878712	087892.483	1996/05/18
4457	P0058AJP	Standardizing Of Chromatographic Systems	Japan	Pending	13573798	1996/05/18	1996/05/18
4458	P0059AEP	Heater Control Circuit	Europe	Granted	5,958,246	087079.080	1996/05/14
4458	P0059AJP	Heater Control Circuit	Japan	Granted	0910231	108297	1997/01/08
4471	P0062AEP	Mounting Apparatus For Induction Coupled Plasma Torch	Europe	Pending	0898784	98118130.7	1998/01/08
4472	P0063AEP	Ion Detector, Detector Array And Instrument Using Same	Europe	Pending	0898784	283630996	1998/01/15
4472	P0063AJP	Ion Detector, Detector Array And Instrument Using Same	Japan	Pending	97920359.3	1998/10/30	1998/10/30
4479	P0064AEP	Analyzing Spectrometric Data	Europe	Pending	0834725	9-637249	1998/10/12
4479	P0064AJP	Analyzing Spectrometric Data	Japan	Pending	97117174.9	1997/10/02	1997/10/02
4479	P0064AJP	Analyzing Spectrometric Data	Japan	Pending	27105097	1997/10/02	1997/10/02
4484	P0065A	Self Aligning Optical Fiber Terminator	United States	Granted	6,029,115	087940.576	1997/09/30
4484	P0065A	Self Aligning Optical Fiber Terminator	United States	Granted	09285.282	189904002	1997/09/30
4493	P0066AAU	Tunable External Cavity Diode Laser	Australia	Pending	2,251,036	4046697	1997/07/28
4493	P0066ACA	Tunable External Cavity Diode Laser	Canada	Pending	18970728	18970728	1997/07/28
4493	P0066AJP	Tunable External Cavity Diode Laser	Japan	Pending	10509031	1999/01/26	1999/01/26
4498	P0067AEP	Backflushing System For Gas Chromatography	Europe	Pending	0828717	97119653.4	1997/09/09
4498	P0067AJP	Backflushing System For Gas Chromatography	Japan	Pending	25087797	1997/09/16	1997/09/16
4531	P0070AEP	Method And Apparatus To Compensate For Gas Chromatograph	Europe	Pending	0872732	98106622.4	1998/04/15
4531	P0070AJP	Method And Apparatus To Compensate For Gas Chromatograph	Japan	Pending	105122788	105122788	1998/04/15
4538	P10071A	Autosampler	United States	Pending	60122892	60122892	1998/03/05
4590	P00073A	Autosampler Having Gripper With Shape Memory Metal Actuator	United States	Pending	092765.063	092765.063	1998/02/12
4076	P00073AJP	Autosampler Having Gripper With Shape Memory Metal Actuator	Japan	Granted	5,240,784	04346133	1997/12/02
4076	P00073AJP	Autosampler Having Gripper With Shape Memory Metal Actuator	Japan	Granted	1,361,134	1987/01/20	1987/01/20
4076	P00073AJP	Autosampler Having Gripper With Shape Memory Metal Actuator	Japan	Granted	0254326	0254326	1987/01/20
3578	P00085AEP	Regulated Deuterium Arc System Supply	Europe	Granted	0254326	87110775.1	1987/01/24
4385	P00045E	Apparatus And Method For Differential Analysis Using Signals	United States	Pending	6,548,387	091065.782	1998/04/23
4385	P00045E	Apparatus And Method For Differential Analysis Using Signals	United States	Granted	0428010	091065.782	1998/04/23
3984	P00045A	3 Point Bending Measuring System	Europe	Granted	5,481,631	1994/06/01	1998/06/01
4133	P00044A	Optical Switching Apparatus With Retroreflector	United States	Granted	5,412,468	08201848	1994/01/31
4137	P00039A	Grouping Of Spectral Bands For Data Acquisition	United States	Granted	5,412,468	1995/05/02	1994/02/25
2495	P00099AJP	Automatic Temperature Calibration Of Thermal Analyzers	Japan	Pending	2232040	087028.515	1993/03/09
3568	P0091A	Deposited Gas Exhous	United States	Granted	2,280,026	2232040	1990/02/26
4086	P0034AAGB	Photometric Instrument With Optical Fibers For Analyzing	Great Britain	Granted	2,280,026	9412352.8	1994/06/20
4472	P0061AWVO	Ion Detector, Detector Array And Instrument Using Same	PCT	Published		PCTUS97/06077	1997/04/11

4472	P0063A	Ion Detector, Detector Array And Instrument Using Same	United States	Pending				09/180,167	1998/11/03
4493	P0068B	Tunable External Cavity Diode Laser	United States	Granted	0085171	1988/04/13	091230,499	1999/01/26	1999/01/26
2714	P0093AEP	Solvent Delivery System	France	Granted	0085171	1988/04/13	02111717.3	1992/12/17	1992/12/17
2714	P0093AFR	Solvent Delivery System	France	Granted	0085171	1988/04/13	02111717.3	1992/12/17	1992/12/17
2714	P0093ADE	Solvent Delivery System	France	Granted	P3276327.2	1998/04/13	02111717.3	1992/12/17	1992/12/17
2714	P0093ANL	Solvent Delivery System	Netherlands	Granted	0085171	1988/04/13	02111717.3	1992/12/17	1992/12/17
2714	P0093AT	Solvent Delivery System	Italy	Granted	0085171	1988/04/13	02111717.3	1992/12/17	1992/12/17
2714	P0093AJP	Solvent Delivery System	Japan	Granted	1,764,707	1993/05/28	1160283	1993/01/28	1993/01/28
2714	P0093ASE	Solvent Delivery System	Switzerland	Granted	0085171	1988/04/13	02111717.3	1992/12/17	1992/12/17
2714	P0093ACH	Solvent Delivery System	Switzerland	Granted	0085171	1988/04/13	02111717.3	1992/12/17	1992/12/17
2714	P0093AGB	Solvent Delivery System	Great Britain	Granted	0085171	1988/04/13	02111717.3	1992/12/17	1992/12/17
2714	P0093A	Solvent Delivery System	United States	Granted	4,856,367	1985/12/03	06632,756	1984/07/20	1984/07/20
2765	P0096AFR	Spectrophotometer Gas Control System	France	Granted	0069204	1987/09/18			
2766	P0097AGB	Fluid Flow Control Device	Great Britain	Granted	2,085,614	1984/08/30	8125893.1	1981/08/25	1981/08/25
2851	P0098ADE	Optical Beam Splitter	Germany	Granted	P265493.6	1985/08/21	82100848.3	1982/01/29	1982/03/02
2851	P0098AJP	Optical Beam Splitter	Japan	Granted	1,792,015	1983/10/14	3411502	1982/03/02	1982/03/02
2851	P0098ACH	Optical Beam Splitter	Switzerland	Granted	0059836	1985/08/21	82100848.3	1982/01/29	1982/01/29
2851	P0098AGB	Optical Beam Splitter	Switzerland	Granted	0059836	1985/08/21	82100848.3	1982/01/29	1982/01/29
2851	P0098A	Optical Beam Splitter	United States	Granted	4,187,477	1984/12/11	06470,427	1983/02/28	1983/02/28
2873	P0099ADE	Apparatus Useful With A Chromatography Column	Germany	Granted	P3273842.0	1986/10/15	82106509.1	1982/07/17	1982/07/17
2873	P0099ACH	Apparatus Useful With A Chromatography Column	Switzerland	Granted	0075689	1986/10/15	82106509.1	1982/07/19	1982/07/19
2873	P0099AGB	Apparatus Useful With A Chromatography Column	Great Britain	Granted	0075689	1986/10/15	82106509.1	1982/07/19	1982/07/19
2772	P0100ADE	Apparatus And Method Useful For Analyzing Refractory Substances	Germany	Granted	3205580	1993/05/13	3205580	1992/02/17	1992/02/17
2772	P0100AJP	Apparatus Useful For Analyzing Refractory Substances	Japan	Granted	1,676,551	1992/06/26	2218282	1991/02/16	1991/02/16
2780	P0101A	Apparatus Useful For Peakening A Light Filter	United States	Granted	4,400,354	1983/08/23	061235,781	1981/02/19	1981/02/19
2876	P0102AEP	Control Circuit For Liquid Chromatograph	United States	Granted	4,419,575	1983/12/06	06269,305	1981/06/02	1981/06/02
2876	P0102AFR	Control Circuit For Liquid Chromatograph	France	Granted	0085172	1987/11/11	82111720.7	1982/12/17	1982/12/17
2876	P0102ADE	Control Circuit For Liquid Chromatograph	Germany	Granted	0085172	1987/11/11	82111720.7	1982/12/17	1982/12/17
2876	P0102AJP	Control Circuit For Liquid Chromatograph	Japan	Granted	P3277646.9	1987/11/11	82111720.7	1982/12/17	1982/12/17
2876	P0102ACH	Control Circuit For Liquid Chromatograph	Italy	Granted	0085172	1987/11/11	82111720.7	1982/12/17	1982/12/17
2876	P0102ASE	Control Circuit For Liquid Chromatograph	Sweden	Granted	1,755,762	1993/04/23	1066763	1983/01/27	1983/01/27
2876	P0102AGB	Control Circuit For Liquid Chromatograph	Switzerland	Granted	0085172	1987/11/11	82111720.7	1982/12/17	1982/12/17
2876	P0102A	Control Circuit For Liquid Chromatograph	Great Britain	Granted	0085172	1987/11/11	82111720.7	1982/12/17	1982/12/17
2988	P0103AFR	Spectrophotometer	United States	Granted	0087588	1987/11/11	82111720.7	1982/12/17	1982/12/17
2989	P0103ADE	Spectrophotometer	United States	Granted	0087588	1987/11/11	82111720.7	1982/12/17	1982/12/17
2989	P0103ACH	Spectrophotometer	United States	Granted	4,450,574	1984/05/22	061943,805	1982/01/29	1982/01/29
2989	P0103AGB	Spectrophotometer	United States	Granted	0087588	1987/11/11	82111720.7	1982/12/17	1982/12/17
2989	P0103A	Spectrophotometer	France	Granted	4,464,051	1987/11/11	82111720.7	1982/12/17	1982/12/17
2989	P0103AFR	Spectrophotometer	United States	Granted	0128120	1988/08/17	84106228.4	1984/05/30	1984/05/30
2989	P0103ADE	Spectrophotometer	Germany	Granted	P3473509.7	1988/08/17	84106228.4	1984/05/30	1984/05/30
2989	P0103ACH	Spectrophotometer	Great Britain	Granted	0128120	1988/08/17	84106228.4	1984/05/30	1984/05/30
2989	P0103AGB	Spectrophotometer	Switzerland	Granted	0128120	1988/08/17	84106228.4	1984/05/30	1984/05/30
2989	P0103A	Spectrophotometer	France	Granted	4,532,799	1985/08/06	081506,232	1983/06/17	1983/06/17
2989	P0103AFR	Liquid Level Sensor	Germany	Granted	4,417,188	1985/11/22	061394,247	1982/01/28	1982/01/28
2989	P0103ADE	Liquid Level Sensor	United States	Granted	4,532,799	1985/08/06	081506,232	1983/06/17	1983/06/17
2989	P0103ACH	Liquid Level Sensor	United States	Granted	4,532,799	1985/08/06	081506,232	1983/06/17	1983/06/17
2989	P0103AGB	Liquid Level Sensor	United States	Granted	0128120	1988/08/17	84106228.4	1984/05/30	1984/05/30
2989	P0103A	Liquid Level Sensor	Great Britain	Granted	0128120	1988/08/17	84106228.4	1984/05/30	1984/05/30
2991	P0105A	Control Circuit For Stepper Motor	United States	Granted	3572537.0	1985/05/12	3572537	1984/01/28	1984/01/28
3007	P0106ADE	L.C. Sample Cell	Germany	Granted	1,928,835	1985/05/12	18814785	1984/11/30	1984/11/30
3007	P0106AJP	L.C. Sample Cell	Japan	Granted	0154792	1985/05/12	18814785	1984/11/30	1984/11/30
3007	P0106ACH	Sample Cell Temperature Stabilizer	Switzerland	Granted	0154792	1985/05/12	18814785	1984/11/30	1984/11/30
3007	P0106AGB	Sample Cell Temperature Stabilizer	Switzerland	Granted	0154792	1985/05/12	18814785	1984/11/30	1984/11/30
3007	P0106A	L.C. Sample Cell	Switzerland	Granted	0154792	1985/05/12	18814785	1984/11/30	1984/11/30
3048	P0109AAU	Furnace Positioning Stabilizer	United States	Granted	4,599,765	1986/07/08	06576,585	1984/02/03	1984/02/03
3048	P0109AAJ	Furnace Positioning Mechanism	Japan	Granted	561,364	1987/05/14	18484183	1984/02/03	1984/02/03
3048	P0109AAD	Furnace Positioning Mechanism	Germany	Granted	P3374594.5	1986/11/20	83107709.4	1983/08/04	1983/08/04
3048	P0109AJP	Furnace Positioning Mechanism	Italy	Granted	0101982	1986/11/20	83107709.4	1983/08/04	1983/08/04
3048	P0109ACH	Thin Driven Soda Glass Coated To Protect From Contact	Great Britain	Granted	0101982	1986/11/20	83107709.4	1983/08/04	1983/08/04
3048	P0109AGB	Thin Driven Soda Glass Coated To Protect From Contact	Great Britain	Granted	0101982	1986/11/20	83107709.4	1983/08/04	1983/08/04
3061	P0110AEP	Slip Catch Assembly	Europe	Granted	0133226	1988/03/30	84108028.6	1984/07/19	1984/07/19

3061	P0110A8E	Sig Clutch Assembly	Belgium	Granted	0133,226	1988/03/30	84108028.6	1984/7/9
3061	P0110A8F	Sig Clutch Assembly	France	Granted	0133226	1988/03/30	84108028.6	1984/7/9
3061	P0110A8D	Coupler Mechanism	Germany	Granted	3470189.0	1988/03/30	84108028.6	1984/7/9
3061	P0110A8L	Sig Clutch Assembly	Netherlands	Granted	0133226	1988/03/30	84108028.6	1984/7/9
3061	P0110A8I	Sig Clutch Assembly	Italy	Granted	0133226	1988/03/30	84108028.6	1984/7/9
3061	P0110A8H	Sig Clutch Assembly	Switzerland	Granted	0133226	1988/03/30	84108028.6	1984/7/9
3061	P0110A	Sig Clutch Assembly	United States	Granted	4,560,050	1988/12/24	86517,090	1984/07/25
3076	P0111AEP	Spectrophotometer	Europe	Granted	0135761	1991/05/05	84108508.0	1984/08/09
3076	P0111ABE	Spectrophotometer	Belgium	Granted	0,135,761	1991/05/05	84108508.0	1984/08/09
3076	P0111AFR	Spectrophotometer	France	Granted	0135761	1991/05/05	84108508.0	1984/08/09
3076	P0111ADE	Optical Design Of Fourier Transform Spectrophotometer	Netherlands	Granted	P348498.8	1991/05/05	84108508.0	1984/08/09
3076	P0111ANL	Spectrophotometer	Italy	Granted	0135761	1991/05/05	84108508.0	1984/08/09
3076	P0111AT	Optical Design Of Fourier Transform Spectrophotometer	Japan	Granted	1,800,723	1993/11/12		
3076	P0111AJP	Spectrophotometer	Switzerland	Granted	0135761	1991/05/05	84108508.0	1984/08/09
3076	P0111AGH	Spectrophotometer	Great Britain	Granted	0135761	1991/05/05	84108508.0	1984/08/09
3076	P0111AGB	Spectrophotometer	United States	Granted	4,740,082	1988/04/26	061058,555	1986/04/24
3076	P0111A	Spectrophotometer	United States	Granted	4,448,684	1984/05/15	06/481,789	1983/07/28
3109	P0112A	Solvent Pressurizing System	United States	Granted	4,618,835	1988/10/21	06/558,765	1984/07/06
3111	P0114A	Pulse Damper	United States	Granted	4,548,713	1985/10/22	06/585,064	1984/03/02
3111	P0114ADE	RTV/Pulse Damper	Germany	Granted	3585429.5	1988/10/05	3555429	1984/10/05
3111	P0114AJP	RTV/Pulse Damper	Japan	Granted				
3111	P0114ACH	Pulse Damper	Sweden	Granted	0158132	1988/10/05	85101252.6	1985/02/06
3111	P0114AGB	Pulse Damper	Switzerland	Granted	0158132	1988/10/05	85101252.6	1985/02/06
3139	P0116AAU	Holder Assembly For Reaction Tubes	Great Britain	Granted	0156132	1988/10/05	85101252.6	1985/02/06
3139	P0117AAU	KCP Bad Plasma Detector	Australia	Allowed	708,769	1993/06/24	32897/95	1990/09/27
3135	P0115AEP	Instantaneous Reading Multichannel Polychromatic Spectrophot	Australia	Allowed	705,036	1993/03/13	62194/96	1990/02/11
3135	P0115AEP	Instantaneous Reading Multichannel Polychromatic Spectrophot	Europe	Granted	0192200	1998/03/06	86101901.6	1986/02/14
3135	P0115ADE	A Novel Array Spectrometer	France	Granted	0192200	1998/03/06	86101901.6	1986/02/14
3135	P0115ANL	Instantaneous Reading Multichannel Polychromatic Spectrophot	Germany	Granted	3650491.2	1996/03/06	3650491	1996/03/06
3135	P0115AJP	A Novel Array Spectrometer	Netherlands	Granted	0192200	1996/03/06	86101901.6	1986/02/14
3135	P0115ACH	Instantaneous Reading Multichannel Polychromatic Spectrophot	Japan	Granted	2,602,809	1997/07/29		
3135	P0115AGB	Instantaneous Reading Multichannel Polychromatic Spectrophot	Switzerland	Granted	0192200	1996/03/06	86101901.6	1986/02/14
3138	P0115A	Instantaneous Reading Multichannel Polychromatic Spectrophot	Great Britain	Granted	0192200	1996/03/06	86101901.6	1986/02/14
3138	P0116ADE	Instantaneous Reading Multichannel Polychromatic Spectrophot	United States	Granted	4,678,917	1987/07/07	06/705,280	1985/02/19
3138	P0116AJP	Holder Assembly For Reaction Tubes	Germany	Granted	3407065	1994/12/22	3407065	1994/02/27
3138	P0116A	Holder Assembly For Reaction Tubes	Japan	Granted	1,919,140	1993/04/07	334658/64	1984/02/28
3139	P0117A	Apparatus For Monitoring A Plasma Torch	United States	Granted	5,032,283	1991/07/16	06/882,017	1986/07/23
3142	P0118AEP	Apparatus And Method For Optimizing Separation Of An Unkn	United States	Granted	4,640,827	1997/02/03	06/526,758	1980/08/26
3142	P0118AFR	Apparatus And Method For Optimizing Separation Of An Unkn	France	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118ADE	Apparatus And Method For Optimizing The Separation Of An	Germany	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118ANL	Apparatus And Method For Optimizing The Separation Of An	Netherlands	Granted	P3586705.1	1992/09/30	85110513.0	1985/08/21
3142	P0118AJP	Apparatus And Method For Optimizing The Separation Of An	Japan	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118ACH	Apparatus And Method For Optimizing The Separation Of An	Switzerland	Granted	0176025	1992/09/30	85110513.0	1985/08/21
3142	P0118AGB	Apparatus And Method For Optimizing The Separation Of An	Great Britain	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3143	P0118A	Apparatus And Method For Optimizing Separation Of A Sample	United States	Granted	4,578,663	1988/04/01	06/853,256	1984/08/24
3162	P0120A	Light Detector Apparatus	United States	Granted				
3163	P0121A	Sample Cell Temperature Stabilizer	United States	Granted	5,073,345	1991/12/17	06/753,370	1985/07/09
3173	P0123AEP	Compensator Plate Adjustment For Beam Splitter	United States	Granted	4,589,477	1986/05/20	06/578,660	1984/02/03
3173	P0123ABE	Compensator Plate Adjustment For Beam Splitter	Europe	Granted	0137206	1991/10/23	84109507.8	1984/08/09
3173	P0123AFR	Compensator Plate Adjustment For Beam Splitter	Belgium	Granted	0137206	1991/10/23	84109507.8	1984/08/09
3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	France	Granted	0137206	1991/10/23	84109507.8	1984/08/09
3173	P0123ACH	Compensator Plate Adjustment For Beam Splitter	Germany	Granted	P3483982.5	1991/10/23	84109507.8	1984/08/09
3173	P0123AGB	Compensator Plate Adjustment For Beam Splitter	Netherlands	Granted	0137206	1991/10/23	84109507.8	1984/08/09
3173	P0123ANL	Compensator Plate Adjustment For Beam Splitter	Netherlands	Granted	0137206	1991/10/23	84109507.8	1984/08/09
3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Italy	Granted	0137206	1991/10/23	84109507.8	1984/08/09

3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Japan	Granted	2,131,945	1986/04/12		1986/04/09
3173	P0123AGH	Compensator Plate Adjustment For Beam Splitter	Switzerland	Granted	0,137,205	1987/10/123	94,109,507.8	1984/08/09
3173	P0123AGB	Compensator Plate Adjustment For Beam Splitter	Great Britain	Granted	0,137,205	1991/10/123	64,109,507.8	1984/08/09
3175	P0123AAE	Assembly For Adjusting An Optical Element	United States	Granted	4,735,505	1980/04/05	08,627,985	1983/06/30
3175	P0123AAB	Purge Shutter Mechanism	Belgium	Granted	0,141,539	1989/08/09		
3175	P0123AAD	Purge Shutter Mechanism	Germany	Granted	34,793,313	1980/02/08		
3175	P0123AANL	Purge Shutter Mechanism	Netherlands	Granted	0,144,539	1989/08/09		
3175	P0124AJT	Purge Shutter Mechanism	Italy	Granted	0,144,539	1989/08/09		
3175	P0124AJP	Purge Shutter Mechanism	Japan	Granted	0,144,539	1989/08/09		
3175	P0124AGH	Purge Shutter Mechanism	Switzerland	Granted	0,144,539	1989/08/09		
3175	P0124AGB	Purge Shutter Mechanism	United States	Granted	0,144,539	1989/08/09		
3176	P0125AEP	Digital Control For Rapid Retit Of A Liquid Chromatograph	France	Granted	4,603,835	1985/08/05	08,549,952	1983/11/09
3178	P0125AFR	Digital Control For Rapid Retit Of A Liquid Chromatograph	Europe	Granted	0,194,450	1987/10/123	65,101,623	1986/02/07
3178	P0125ADE	Digital Control For Rapid Retit Of A Liquid Chromatograph	France	Granted	0,194,450	1991/10/123		
3178	P0125ANDL	Digital Control For Rapid Retit Of A Liquid Chromatograph	Germany	Granted	36,770,293.8	1991/10/123	36,770,293	1991/10/123
3178	P0125ANL	Digital Control For Rapid Retit Of A Liquid Chromatograph	Netherlands	Granted	0,194,450	1991/10/123		
3178	P0125AJT	Digital Control For Rapid Retit Of A Liquid Chromatograph	Italy	Granted	0,194,450	1991/10/123		
3178	P0125AJP	Digital Control For Rapid Retit Of A Liquid Chromatograph	Japan	Granted	1,979,835	1985/10/17		
3178	P0125ASE	Digital Control For Rapid Retit Of A Liquid Chromatograph	Sweden	Granted	0,194,450	1991/10/123		
3178	P0125AGH	Digital Control For Rapid Retit Of A Liquid Chromatograph	Switzerland	Granted	0,194,450	1991/10/123		
3178	P0125AGB	Digital Control For Rapid Retit Of A Liquid Chromatograph	Great Britain	Granted	0,194,450	1991/10/123		
3178	P0125A	Digital Control For Rapid Retit Of A Liquid Chromatograph	United States	Granted	4,643,649	1987/02/17	06,700,765	1985/02/11
3196	P0126AEP	Interferometer Mirror Adjustment	France	Granted	0,158,173	1985/11/02	65,103,202	1985/03/19
3196	P0126AFR	Interferometer Mirror Adjustment	Europe	Granted	0,158,173	1985/11/02		
3196	P0126ADE	Interferometer Mirror Adjustment	Germany	Granted	P,357,403,910	1985/11/02	35,740,350	1989/11/02
3196	P0126ADL	Interferometer Mirror Adjustment	Japan	Granted	1,976,664	1985/05/30		
3196	P0126AJP	Interferometer Mirror Adjustment	Great Britain	Granted	0,158,173	1985/11/02		
3196	P0126A	Assembly For Positioning An Optical Element	United States	Granted	4,621,899	1986/11/11	06,598,764	1984/04/09
3213	P0128AEP	Micro Argon Detector	Europe	Granted	0,184,892	1987/08/19	43,305,185.9	1985/07/22
3213	P0128AFR	Micro Argon Detector	France	Granted	0,184,892	1992/08/19	83,305,186.9	1985/07/22
3213	P0128ADE	Micro Argon Detector	Germany	Granted	P,258,652,816	1987/08/19	83,305,186.9	1985/07/22
3213	P0128ADL	Micro Argon Detector	Netherlands	Granted	0,184,892	1987/08/19	83,305,186.9	1985/07/22
3213	P0128AJP	Micro Argon Detector	Japan	Granted	1,998,496	1985/01/23	27,832,875	1985/12/13
3213	P0128AGH	Micro Argon Detector	Switzerland	Granted	0,184,892	1987/08/19	83,305,186.9	1985/07/22
3213	P0128AGB	Micro Argon Detector	Great Britain	Granted	0,184,892	1987/08/19	83,305,186.9	1985/07/22
3213	P0128A	Ionization Detectors for Gas Chromatography	United States	Granted	4,740,685	1988/04/26	06,707,663	1985/07/22
3234	P0129A	Apparatus for controlling a Plasma	United States	Granted	4,608,810	1988/08/02	06,624,313	1984/08/25
3235	P0130AEP	Liquid Chromatographic Cartridge Column System	Europe	Granted	0,161,493	1982/05/20	85,104,441.2	1985/04/12
3235	P0130AFR	Liquid Chromatographic Cartridge Column System	France	Granted	0,161,493	1982/05/20	85,104,441.2	1985/04/12
3235	P0130ADE	Liquid Chromatographic Cartridge Column System	Germany	Granted	P,358,608,815	1982/05/20	85,104,441.2	1985/04/12
3235	P0130ADL	Liquid Chromatographic Cartridge Column System	Netherlands	Granted	0,161,493	1982/05/20	85,104,441.2	1985/04/12
3235	P0130AJP	Liquid Chromatographic Cartridge Column System	Japan	Granted	2,574,945	1989/02/27	15,895,294	1985/05/07
3235	P0130AGH	Liquid Chromatographic Cartridge Column System	Switzerland	Granted	0,161,493	1982/05/20	85,104,441.2	1985/04/12
3235	P0130AGB	Liquid Chromatographic Cartridge Column System	Great Britain	Granted	0,161,493	1982/05/20	85,104,441.2	1985/04/12
3235	P0130A	Liquid Chromatographic Cartridge Column System	United States	Granted	4,581,014	1986/05/06	06,607,878	1984/05/07
3236	P0131AEP	Dual Servo Impedance Matching System For Icp Spectroscopy	Europe	Granted	0,282,204.3	1983/10/20		
3236	P0131AFR	Dual Servo Impedance Matching System For Icp Spectroscopy	France	Granted	0,155,496	1991/10/102	85,101,457	1985/02/11
3236	P0131ADE	Dual Servo Impedance Matching System For Icp Spectroscopy	Germany	Granted	4,786,257	1989/01/03	07,024,237	1987/03/10
3236	P0131ADL	Dual Servo Impedance Matching System For Icp Spectroscopy	Italy	Granted	0,155,496	1991/10/102	3,880,931	1991/10/20
3236	P0131AJP	Dual Servo Impedance Matching System For Icp Spectroscopy	Japan	Granted	0,155,496	1991/10/102		
3236	P0131AGH	Dual Servo Impedance Matching System For Icp Spectroscopy	Switzerland	Granted	2,111,788	1986/03/22	6,189,993	1985/02/28
3236	P0131AGB	Dual Servo Impedance Matching System For Icp Spectroscopy	Great Britain	Granted	5,108,187	1992/04/28	07,722,393	1991/08/19
3238	P0131A	Plasma Emission Source	United States	Granted	4,629,940	1986/12/16	06,585,807	1984/03/02
3238	P024SAEP	Correction Of Spectra For Stray Radiation	Europe	Granted	06,587,51	1988/08/05		
4314	P024SAFR	Correction Of Spectra For Stray Radiation	France	Granted	06,587,51	1988/08/05		

4314	P0245ADE	Correction Of Spectra For Stray Radiation	Germany	Granted	6841222.1	1980/04/05		1980/04/05
3289	P0132AEP	Multiple Streams Sampling System	Europe	Granted	0154188	1991/09/25		1991/09/25
4314	P0245AJP	Correction Of Spectra For Stray Radiation	Japan	Pending				
3289	P0132ADE	Multiple Streams Sampling System	Germany	Granted	3584175.3	1981/09/25		1981/09/25
4314	P0245AGE	Multiple Streams Sampling System	Sweden	Granted	0154198	1991/09/25		1991/09/25
3289	P0132ACH	Correction Of Spectra For Stray Radiation	Great Britain	Granted	0658751	1988/08/05		1988/08/05
4314	P0245A	Multiple Streams Sampling System	Switzerland	Granted	0154188	1991/09/25		1991/09/25
3289	P0132A	Apparatus For Periodically Monitoring Composition Of Samples	United States	Granted	5,428,558	1995/06/27		1995/06/27
3292	P0135A	Synchronous Wavelength Drive And Data Acquisition Comparison	United States	Granted	4,567,639	1987/07/07		1987/07/07
3298	P0137A	Safety Apparatus For An Atomic Absorption Spectroscopy Burner	United States	Granted	4,568,877	1987/04/28		1987/04/28
3307	P0138AEP	Self-Sprung Lampholder	United States	Granted	4,587,034	1988/06/24		1988/06/24
3307	P0138AEP	Programmed Temperature Control Of A Thermal System	Europe	Granted	0184283	1991/12/04		1991/12/04
3307	P0138AEP	Programmed Temperature Control Of A Thermal System	France	Granted	0184283	1991/12/04		1991/12/04
3307	P0138ADE	Programmed Temperature Control Of A Thermal System	Germany	Granted	P9584824.3	1991/12/04		1991/12/04
3307	P0138ADE	Programmed Temperature Control Of A Thermal System	Netherlands	Granted	0184283	1991/12/04		1991/12/04
3307	P0138AJP	Programmed Temperature Control Of A Thermal System	Japan	Granted	2,033,583	1986/03/19		1986/03/19
3307	P0138ACH	Programmed Temperature Control Of A Thermal System	Switzerland	Granted	0184283	1991/12/04		1991/12/04
3307	P0138AGB	Programmed Temperature Control Of A Thermal System	Great Britain	Granted	0184283	1991/12/04		1991/12/04
3309	P0139A	Ionization Detectors For Gas Chromatography	United States	Granted	4,752,216	1988/06/21		1988/06/21
3309	P0139AGB	Ionization Detectors For Gas Chromatography	United States	Granted	4,837,441	1989/06/06		1989/06/06
3312	P0140ADE	Linearized Detector For Gas Chromatography	Great Britain	Granted	2,183,897	1990/07/11		1990/07/11
3312	P0140AJP	Linearized Ultra-Low Noise Mct Preamp	Germany	Granted	3605488	1995/05/24		1995/05/24
3312	P0140AGB	Detector Preamp/Filter For Use with a MCT Detector	Japan	Granted	2,068,543	1986/07/10		1986/07/10
3313	P0141A	Fluid Flow Control System	Great Britain	Granted	2,171,512	1989/01/25		1989/01/25
2445	P0256ADE	Optical Beam Switching Apparatus	United States	Granted	4,682,022	1987/07/21		1987/07/21
2445	P0256AJP	Optical Beam Switching Apparatus	United States	Granted	4,617,953	1986/10/21		1986/10/21
2445	P0256AGB	Optical Beam Switching Apparatus	Germany	Granted	P2828145	1987/09/10		1987/09/10
3321	P0143A	System For Changing Oxidants In a Spectrophotometer	Ibly	Granted	1115127	1986/02/03		1986/02/03
2515	P0257AJP	Phase Synchronization	Great Britain	Granted	1539249	1986/02/20		1986/02/20
2515	P0257AGB	Spectroscopic Phase Synchronization Apparatus	United States	Granted	4,571,172	1986/02/16		1986/02/16
2848	P0258AJP	Method And Apparatus For Determining The Nature Of An Unknown	Japan	Granted	1,711,151	1992/11/11		1992/11/11
2848	P0258AGB	Apparatus And Method For Determining The Nature Of An Unknown	Great Britain	Granted	2,092,288	1984/08/22		1984/08/22
3331	P0101AAU	Apparatus Useful For Postponing A Light Filter	United States	Granted	4,386,852	1983/06/07		1983/06/07
3331	P0260AEP	Solvent Pressurizing & Degassing System	Great Britain	Granted	1,670,082	1992/06/12		1992/06/12
3331	P0260AJP	Solvent Pressurizing & Degassing System	Great Britain	Granted	2,070,235	1984/02/01		1984/02/01
3331	P0260ADE	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Australia	Granted	\$84,477	1985/12/12		1985/12/12
3331	P0144AJP	Solvent Pressurizing & Degassing System	France	Granted	0179349	1989/05/24		1989/05/24
3331	P0144ADE	Solvent Pressurizing & Degassing System	Europe	Pending				
3331	P0144AJP	Solvent Pressurizing & Degassing System	Germany	Granted	3570527.2	1989/05/24		1989/05/24
3331	P0144AJP	Solvent Pressurizing & Degassing System	Germany	Granted	0179349	1989/05/24		1989/05/24
3331	P0144AJP	Solvent Pressurizing & Degassing System	Netherlands	Granted	0179349	1989/05/24		1989/05/24
3331	P0144AGB	Solvent Pressurizing & Degassing System	Switzerland	Granted	0179349	1989/05/24		1989/05/24
3331	P0144AJP	Solvent Pressurizing & Degassing System	Great Britain	Granted	0179349	1989/05/24		1989/05/24
3331	P0144AJP	Solvent Pressurizing & Degassing System	United States	Granted	4,541,452	1985/09/17		1985/09/17
3336	P0280ACA	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	3,063,832	1990/04/07		1990/04/07
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Japan	Pending				
3365	P0145AEP	Ionization Detectors For Gas Chromatography	Europe	Granted	0248714	1992/06/17		1992/06/17
3365	P0145AEP	Ionization Detectors For Gas Chromatography	France	Granted	0248714	1992/06/17		1992/06/17
3365	P0145ADE	Ionization Detectors For Gas Chromatography	Germany	Granted	P3778818.9	1992/06/17		1992/06/17
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Netherlands	Granted	0248714	1992/06/17		1992/06/17
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Switzerland	Granted	2,007,782	2000/01/14		2000/01/14
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Italy	Granted	0248714	1992/06/17		1992/06/17
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Japan	Granted	2,574,289	1996/10/24		1996/10/24
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Sweden	Granted	0248714	1992/06/17		1992/06/17
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Great Britain	Granted	0248714	1992/06/17		1992/06/17
3365	P0145AJP	Ionization Detectors For Gas Chromatography	United States	Granted	4,873,862	1989/10/17		1989/10/17
4369	P0042AAU	Nebulizer	Australia	Granted	707,363	1999/07/08		1999/07/08

3389	P0146AEP	Automatic Optimization Procedure	Europe	Granted	0192201	1992/07/29			
3388	P0146AAU	Automatic Optimization Procedure	Australia	Granted	596,853	1989/07/27	53844/86	1986/02/20	
3389	P0146ACA	Automatic Optimization Procedure	Canada	Granted	1,271,342	1990/07/10	500,841	1985/01/31	
3388	P0146ADE	Automatic Optimization Procedure	Germany	Granted	3886175.8	1992/07/29			
3389	P0146ANL	Automatic Optimization Procedure	Netherlands	Granted	0192201	1992/07/29			
3389	P0146AAT	Automatic Optimization Procedure	Japan	Granted	0192201	1992/07/29			
3389	P0146AJP	Automatic Optimization Procedure	Japan	Granted	1,871,192	1995/03/09	35408/86	1985/02/21	
3389	P0146AGH	Automatic Optimization Procedure	Switzerland	Granted	0192201	1992/07/29			
3389	P0146A	Optimization Apparatus and Procedure	United States	Granted	4,689,754	1987/08/25	067704,358	1985/02/21	
3318	P0199AAU	Atomic Absorption Spectrometer	Australia	Granted	502,261	1989/03/16	60955/86	1986/04/07	
3318	P0199AJP	Atomic Absorption Spectrometer	Japan	Granted	2,118,078	1988/12/06			
3318	P0199A	Atomic Absorption Spectrometer	United States	Granted	4,991,969	1991/02/12	067893,766	1986/08/06	
3322	P0200AJP	Gas Control Device For Controlling The Fuel Gas	Japan	Granted	2,016,021	1988/02/19	191787/86	1986/04/18	
3317	P0147A	Burner Assembly For Atomic Absorption Spectrometer	United States	Granted	4,689,324	1987/05/02	067853,263	1986/04/17	
3382	P0203A	Burner-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,776,694	1988/10/11	067932,957	1986/11/19	
3317	P0147AJP	Electro-Optical Detector For A Scanning Mass Spectrometer	Japan	Granted					
4041	P0175A	Electro-Optical Detector For A Scanning Mass Spectrometer	United States	Granted	5,053,621	1991/10/01	07618,123	1990/11/19	
3008	P0262A	Electrothermal Atomization Furnace For Spectroscopy	United States	Granted	4,917,493	1990/04/17	072035,888	1988/08/13	
3028	P0018A	Synchronization Of Digital Signals With Alternating Current	United States	Granted	4,961,297	1990/10/02	072389,150	1990/04/02	
4014	P0023A	Punger-Horning Mechanism For Use In Chromatography	United States	Granted	5,360,586	1995/11/01	071504,826	1990/04/05	
4037	P0031A	Single Element Thermal Conductivity Detector	United States	Granted	5,265,459	1993/11/20	077748,588	1991/04/22	
2695	P0281AU	Circuit For Heating And Sensing With A Single Element	United States	Granted	5,099,196	1992/03/24	076837,392	1991/10/04	
2695	P0281ADE	Optical Coupling Device	Australia	Granted	542,372	1985/02/21	76972/81	1981/10/20	
2695	P0281ACH	Optical Coupling Device	Germany	Granted	317,593.7	1987/02/25	317,593.2	1987/02/25	
4045	P0027A	Standardizing And Calibrating A Spectrometric Instrument	Switzerland	Granted	0053192	1987/02/25			
4317	P0041A	Hybrid Valving System For Varying Fluid Flow Rates	United States	Granted	5,303,165	1994/04/12	078394,448	1992/02/12	
4382	P0044A	Optical Spectrometer For Detecting Spectra In Separate Range	United States	Granted	5,329,985	1994/07/19	081100,596	1993/07/26	
4389	P0042A	Mesurizer	United States	Granted	5,565,983	1996/10/15	084541,351	1995/05/26	
4371	P0043B	Spark Sampling Microparticle Generator And Method	United States	Granted	5,452,157	1995/11/07	082726,144	1994/07/18	
3984	P0021A	3 Point Bending Measuring System	United States	Granted	4,976,152	1990/12/11	074435,114	1989/11/13	
4015	P002AC	Vial Locator And Sensor	United States	Granted	5,171,530	1992/12/15	078803,689	1991/12/03	
3382	P0084AEP	Integral Separation Capillary/Conductivity Detector	France	Granted	0241940	1993/01/27	871057,12.1	1987/04/06	
3382	P0084AFR	Integral Separation Capillary/Conductivity Detector	France	Granted	0241940	1993/01/27	871057,12.1	1987/04/16	
3382	P0084ADE	Integral Separation Capillary/Conductivity Detector	Germany	Granted	4,816,123	1993/01/27	871057,12.1	1987/04/16	
3382	P0084ANL	Integral Separation Capillary/Conductivity Detector	Germany	Granted	4,816,123	1993/01/27	871057,12.1	1987/04/16	
3382	P0084AAT	Integral Separation Capillary/Conductivity Detector	Netherlands	Granted	0241940	1993/01/27	871057,12.1	1987/04/16	
3382	P0084AJP	Integral Separation Capillary/Conductivity Detector	Japan	Granted	0241940	1993/01/27	871057,12.1	1987/04/16	
3382	P0084ASE	Integral Separation Capillary/Conductivity Detector	Sweden	Granted	0241940	1993/01/27	871057,12.1	1987/04/16	
3382	P0084AGB	Method Of Fabricating Capillary/Conductivity Detector	Great Britain	Granted	0241940	1993/01/27	871057,12.1	1987/04/16	
3401	P0268A	Gripping Finger Position Sensor For A Robot System	United States	Granted	4,682,805	1987/07/28	067830,163	1986/02/18	
3433	P0267A	Power Circuit For Spectral Analysis Gaseous Discharge Lamps	United States	Granted	4,716,342	1987/11/29	068004,948	1986/12/05	
3435	P0268A	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,726,679	1987/08/04	067835,145	1986/03/03	
3436	P0268A	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,684,811	1987/08/04	067835,985	1986/03/03	
3471	P0270A	System For Calibrating A Monochromator	United States	Granted	4,779,216	1988/10/16	067837,438	1986/04/25	
3480	P0271A	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,876,905	1988/10/24	07281,374	1986/12/08	
3480	P0271ADE	High Pressure Column Assembly For A Liquid Chromatograph	Europe	Granted	0328146	1995/09/20	89102366,1	1990/02/10	
3480	P0271AGB	High Pressure Column Assembly For A Liquid Chromatograph	Germany	Granted	0328146	1995/09/20	89102366,1	1990/02/10	
3514	P0272A	Programmable Lamp Plug	Great Britain	Granted	0328146	1995/09/20	89102366,1	1990/02/10	
	P0273A	Phase Angle Measurement	United States	Granted	4,670,813	1987/08/02	067602,924	1985/11/29	
	P0273AEP	Phase Angle Measurement	Europe						
	P0273AFR	Phase Angle Measurement	France						
	P0273ADE	Phase Angle Measurement	Germany						
	P0273AAT	Phase Angle Measurement	Italy						

2514	P0273AGH	Phase Angle Measurement	Japan	Granted	0101982	1988/11/30	83107709	1983/06/04
2515	P0273AGB	Phase Angle Measurement	Switzerland	Granted	4,742,276	1988/05/03	06/889,536	1986/07/25
3048	P0257ADE	Phase Synchronization	Great Britain	Granted	4,994,676	1991/02/19	07/544,798	1990/06/25
3578	P0109AEP	Regulated Deuterium Arc Supply System	Germany	Granted	141,585			
3836	P0280A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	3307597	1894/06/29	2307597	1983/03/03
3836	P0280A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	1,569,343	1988/07/10	51428/82	1982/05/03
2966	P0276ADE	Variable Gain Amplifier	Japan	Granted	0051152	1987/02/25	81107/80	1981/10/02
2725	P0065AJP	Apparatus For Reducing Current Leakage From A Resistance	Europe	Granted	0056136	1987/09/09	81110555	1981/12/17
2895	P0281AEP	Optical Coupling Device	Europe	Granted	0059836	1985/09/21	82100648.3	1982/01/28
2782	P0278AEP	Fluorimeter System With Synchronous Clock For Generation Of Tl	Europe	Granted	0075889	1986/10/15	821006509	1982/07/19
2851	P0098AEP	Optical Beam Splitter	Europe	Granted	0047868	1987/10/17	83100499.9	1983/01/20
2873	P0098AEP	Apparatus Useful With A Chromatography Column	Europe	Granted	0128120	1988/08/17	84108228.4	1984/05/30
2889	P0103AEP	Spectrophotometer	Europe	Granted	01564792	1988/10/05	85101257.6	1985/02/06
2990	P0104AEP	Liquid Level Sensor	Europe	Granted	0178949	1989/05/24	85112742	1985/10/08
3007	P0106AEP	Sample Cell Temperature Stabilizer	Europe	Granted	0185926	1992/09/20	85114718.1	1985/11/19
3111	P0114AEP	Pulse Damper	Europe	Granted	5,428,696	1995/06/27	08/092,162	1983/07/15
3331	P0144AEP	Solvent Pressurizing & Degassing System	Australia	Granted	692,773	1991/05/01	86789194	1994/07/28
2730	P0278AEP	Multi-Port Valve In Gas Collection System And Method	United States	Granted	5,762,381	1991/08/12	08/724,432	1996/10/01
4086	P0034A	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	5,655,681	1991/05/01	86789194	1994/07/28
4317	P0041AAU	Hybrid vaxing system for varying fluid flow rate	United States	Granted	5,716,082	1991/05/01	86789194	1994/07/28
4432	P0051B	Thermal Insulating Container For Liquefied Gas	United States	Granted	5,716,082	1991/05/01	86789194	1994/07/28
4433	P0052A	Connecting Apparatus For Conveyance Of Gaseous Fluid	United States	Granted	5,728,265	1991/05/01	86789194	1994/07/28
4434	P0053A	Fluid Conveying Device With Removable Connection	United States	Granted	4135021	1991/05/01	86789194	1994/07/28
4471	P0062A	Mounting Apparatus For Induction Coupled Plasma Torch	United States	Granted	0281966	1994/02/02	88103403.4	1988/03/04
4012	P0281ADE	Analysis Of Organic Material	Germany	Granted	0281158	1994/01/12	88103413.6	1988/03/04
3828	P0284AEP	Thermal Conductivity Detector	Europe	Granted	0281157	1994/05/29	1988/03/04	1988/03/04
3703	P0285AEP	Inductively Coupled Plasma Torch With Sample Injector	Europe	Granted	0281922	1993/03/10	88105748.3	1988/04/11
3838	P0287AEP	Power System For Inductively Coupled Plasma Torch	Europe	Granted	263691	1990/10/17	3219687	1988/11/18
3837	P0287AEP	Power System For Inductively Coupled Plasma Torch	Europe	Granted	7126944	1972/03/06	126944	1971/07/13
3684	P0288AEP	Chromatography Column	Germany	Granted	39540755	1996/04/22	39540755.9	1995/10/08
0845	P0292ADE	Computer Operated Spectrometric Instrument	Germany	Published				
4589	P0296AEP	Low Frequency Signal Processing Circuitry	Europe	Granted	0334303	1994/07/20	89108264.5	1994/04/27
3527	P0297AEP	Method Of Manufacturing Glass Beads	Europe	Granted	0344783	1994/03/02	89109948.3	1989/03/21
3809	P0301AEP	Standardization Of Spectral Lines	Europe	Granted	0344782	1993/10/27	89109947.5	1989/06/01
3772	P0302AEP	Standardization Of Spectral Lines	Europe	Granted				1989/06/01
	P0303AEP		Europe	Granted				1989/06/01
	P0304AEP		Europe	Granted				1989/06/01
4088	P0307AEP	Method And Apparatus For Comparing Spectra	Europe	Granted	0355700	1987/03/26	92118913.2	1992/10/02
4073	P0308AEP	Apparatus For Differential Analysis Of Sample Dielectric Pro	Europe	Granted	0358972	1993/09/08	93102168.7	1993/02/11
4511	P0069B	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Pending				
4592	P0074B	Monitoring Constituents Of An Animal Organ Using Radiation	United States	Pending				
4063	P0029AJP	Method Of Manufacturing Glass Beads	Japan	Granted	5,256,821	1992/08/28	09286,248	1992/08/28
4498	P0067B	Backwashing System For Gas Chromatography	United States	Granted	5,933,357	1993/08/03	08851,789	1993/11/18
3915	P0317AJP		Japan	Pending				
3913	P0318AJP		Japan	Pending				
4113	P0319AJP		Japan	Pending				
2730	P0279ADE	Multi-Port Valve In Gas Collection System And Method	Germany	Granted	P3386715.9	1992/09/30	85114718.1	1985/10/08
3684	P0280ADE	Chromatography Column	Germany	Granted	P3678970.1	1993/03/10	88105748.3	1988/04/11
3772	P0301ADE	Standardization Of Spectral Lines	Germany	Granted	P66910188.0	1993/10/27	89109947.5	1989/06/01
2746	P0320ADE	Standardization Of Spectral Lines	Germany	Granted	3175277			1989/09/03
3514	P0272ADE		Germany	Granted	3682749			1991/12/04

3638	P0286ADE	Inductively Coupled Plasma Torch With Sample Injector	Germany	Granted	P388962.4	1994/01/12	84102413.6	1988/02/04
3703	P0285ADE	Thermal Conductivity Detector	Germany	Granted	P388754.1	1994/02/02	84103449.4	1988/02/04
3809	P0300ADE	Monochromator Drift Compensation	Germany	Granted	P6813359.6	1994/03/02	85109948.3	1989/06/01
3827	P0287ADE	Power System For Inductively Coupled Plasma Torch	Germany	Granted	P3850422.7	1994/06/29	84103403.7	1988/03/04
3527	P0297ADE	Low Frequency Signal Processing Circuitry	Germany	Granted	P68916824.1	1994/07/20	85105054.3	1989/03/21
3536	P0298ADE	Detector Cell For Spectrophotometer Used In Liquid Chromatography	Germany	Granted	P68823389	1995/07/12	85105253.1	1989/03/23
4088	P0307ADE	Method And Apparatus For Comparing Spectra	Germany	Granted	P69216535.4	1997/03/28	921168713.2	1992/10/02
4073	P0308ADE	Apparatus For Differential Analysis Of Sample Dielectric Properties	Germany	Granted	P632027.17	1998/08/17	6332027.17	1993/02/11
3628	P0284ADE	Analysis Of Organic Material	United States	Pending	P3354208.9	1995/07/26	86102940.9	1988/02/26
4637	P0277A	Zero-Dilution Split Injector Liner For Gas Chromatography	United States	Pending			861045208	1989/08/16
4606	P0278A	Monitoring Constituents Of An Animal Organ Using Statistical Methods	United States	Pending			081443.875	1989/11/19
4607	P0279A	Hybrid Film Type Sensor	United States	Pending			081444.334	1989/11/19
4501	D0068A	Exposure For Analytical Instrumentation	United States	Granted	D412.991	1995/08/17	281064.988	1987/01/16
3809	P0330A	Detection Of Low Level Analytes In Samples Using Agglutination	United States	Granted	5.942.442	1999/08/24	08131.205	1997/04/02
3809	P0300AAU	Monochromator Drift Compensation	United States	Granted	612.847	1991/07/16	35874/89	1988/06/01
3809	P0300A	Monochromator Drift Compensation	United States	Granted	4.916.645	1990/04/10	07201.250	1988/06/01
3809	P0300ACA	Monochromator Drift Compensation	United States	Granted	1.321.486	1993/08/24	601.459	1988/06/01
3828	P0016ADE	Circuit For Synchronizing Digital Signals With Alternating Current	Germany	Granted	P4024458.8	1991/02/07	P4024458.8	1990/08/01
3828	P0016AGB	Circuit For Synchronizing Digital Signals With Alternating Current	Great Britain	Granted	4.024.459	1993/06/16	90165003.6	1990/07/27
4015	P0024ADE	Vial Locator And Sensor	Germany	Granted	P63108708.9	1995/05/17	91102281.2	1991/02/18
4015	P0024AEP	Vial Locator And Sensor	Germany	Granted	0444498	1995/05/17	91102281.2	1991/02/18
4015	P0024AAU	Vial Locator And Sensor	Australia	Granted	640.453	1993/08/26	71933191	1991/02/27
4070	P0031AEP	Single Element Thermal Conductivity Detector	Europe	Granted	0529285	1998/08/02	92112375.8	1992/07/20
4073	P0300A	Apparatus For Differential Analysis Of Sample Dielectric Properties	Germany	Granted	69228833.2	1998/08/02	92112375.8	1992/07/20
2730	P0279AGB	Detector Cell For Liquid Chromatography	United States	Granted	5.309.110	1994/05/03	85114718.1	1992/03/04
3536	P0286AGB	3 Point Bending Measuring System	Great Britain	Granted	0185926	1992/08/30	85114718.1	1992/03/04
3984	P0021AGB	Vial Locator And Sensor	Great Britain	Granted	0345288	1995/07/12	89105263.1	1995/11/19
4015	P0024AGB	Vial Locator And Sensor	Great Britain	Granted	0428010	1994/05/01	90120859.5	1990/10/31
4045	P0027AGB	Standardizing And Calibrating A Spectrometric Instrument	Great Britain	Granted	0444498	1995/05/17	91102281.2	1991/02/18
4046	P0028AGB	Photodetector Amplifier Linearity	Great Britain	Granted	0528604	1997/04/09	93100102.8	1993/01/07
4063	P0029AGB	Method Of Manufacturing Glass Beads	Great Britain	Granted	2.261.659	1995/06/28	9232599.3	1992/11/11
4073	P0300BAGB	Apparatus For Differential Analysis Of Sample Dielectric Properties	Great Britain	Granted	0558972	1998/04/12	93102168.7	1993/02/11
4076	P0033AGB	Absorbance Correction In Atomic Absorption Spectroscopy	Great Britain	Granted	2.262.160	1995/08/02	9232548.0	1992/11/10
4091	P0035AGB	Method For Handling A Thermionic Detector Source	Great Britain	Granted	2.261.634	1995/12/06	9232589.5	1992/11/10
2856	P0218AGB	Variable Gain Amplifier	Great Britain	Granted	2.116.763	1996/01/29	8303866.5	1993/02/10
4056	P0031AGB	Double Beam Detector System For Liquid Chromatography	Great Britain	Granted	0329541	1996/04/17	92114331.9	1992/08/21
4088	P0034ADE	Photometric Instrument With Optical Fibers For Analyzing Samples	Germany	Pending			P4424981.6	1994/07/14
	P0333A	Method For Processing A Sample	United States	Granted			081101.819	1989/10/20
	P0333ANL	Method For Processing A Sample	United States	Granted			11002110	1995/01/17
	P0333AWD	Method For Processing A Sample	The Netherlands	Pending			PCT/NL97/00095	1987/01/07
4462	P0328ACA	Detection Of Low Level Hydrophobic Analytes In Samples	PCT	Published			2.285.282	1998/04/02
4462	P0328AEP	Detection Of Low Level Hydrophobic Analytes In Samples	Canada	Published	98914440.7			1998/04/02
4462	P0328AEP	Detection Of Low Level Hydrophobic Analytes In Samples	Europe	Published			10.542004	1999/10/04
4462	P0328AEP	Detection Of Low Level Hydrophobic Analytes In Samples	Japan	Pending			68796698	1998/04/02
4462	P0328AEP	Detection Of Low Level Hydrophobic Analytes In Samples	Australia	Published			12.285.219	1998/04/02
4501	P0310ACA	Detection Of Low Level Analytes In Samples Using Agglutination	Canada	Published			98914435.7	1998/04/02
4501	P0310AEP	Detection Of Low Level Analytes In Samples Using Agglutination	Europe	Pending			68793198	1998/04/02
4501	P0310AAU	Detection Of Low Level Analytes In Samples Using Agglutination	Australia	Published			110.541939	1998/04/02
4501	P0310AEP	Detection Of Low Level Analytes In Samples Using Agglutination	Australia	Pending			97900480.1	1999/10/04
4462	P0328A	Detection Of Low Level Hydrophobic Analytes In Samples	United States	Granted	5.891.740	1999/04/06	081637.168	1997/04/02
3729	P0335A	Detector For A Spectrometer	United States	Granted	4.820.048	1999/04/11	071123.025	1987/11/18
4086	P0034BGB	Photometric Instrument With Optical Fibers For Analyzing Samples	United States	Granted	2.312.044	1998/01/21	9714780.5	1997/07/14
4589	P0286A	Computer Operated Spectrometric Instrument	United States	Allowed			0813100.609	1999/04/27
	P0337A	Method and Apparatus for Iterative Spectral Compensation	United States	Pending			0950303.092	2000/02/11
5002	P0338A	Method And Apparatus For Impurity Detection	United States	Pending			091561.800	2000/04/27

4688	P0307AJP	Method And Apparatus For Comparing Spectra	Japan	Granted	5-209928	1993/08/20	4-287034	1992/10/02
4601	P03308B	Detection Of Low Level Analytes In Samples Using Alignment Spectroscopic Determination Of The Dissociation Constants	United States	Pending			09/288,513	1999/03/12
	P03393A	Non-Immunoassay Determination Of Protein-Ligand Interaction	United States	To File				
4649	P0282AAU	Electrothermal Atomization Furnace For Spectrometry	United States	Granted	559,910	1990/07/05	1817508	1988/08/20
3108	P03031A	Optical Switching Device	Australia	Granted	5,055,886	1991/10/15	07/802,592	1990/10/25
4010	P00728A	Method Of Manufacturing Glass Beads	United States	Granted	5,198,009	1993/03/30	07/766,497	1991/11/22
4085	P00348B	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	5,526,451	1990/06/11	08/374,560	1984/10/18
4086	P02977A	Phase Angle Measurement	United States	Granted	4,985,683	1991/01/15	07/173,201	1988/05/24
3527	P02977A	Phase Angle Measurement	France	Granted	0334303	1994/07/20	89/105064,3	1989/03/21
3527	P02977A	Phase Angle Measurement	Japan	Granted	1,316,831	1988/12/21	737/6789	1988/05/24
3527	P02977A	Phase Angle Measurement	Switzerland	Granted	0334303	1994/07/20	89/105064,3	1989/03/21
3527	P02977A	Phase Angle Measurement	Great Britain	Granted	0334303	1994/07/20	89/105064,3	1989/03/21
3527	P02977A	Phase Angle Measurement	United States	Granted	4,068,573	1993/07/14	87/15917,4	1987/10/29
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Europe	Granted	0266682	1993/07/14	87/15917,4	1987/10/29
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	France	Granted	0266682	1993/07/14	87/15917,4	1987/10/29
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Germany	Granted	P3786522,6	1993/07/14	87/15917,4	1987/10/29
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Netherlands	Granted	0266682	1993/07/14	87/15917,4	1987/10/29
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Switzerland	Granted	0266682	1993/07/14	87/15917,4	1987/10/29
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Great Britain	Granted	4,785,614	1993/07/14	87/15917,4	1987/10/29
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	United States	Granted	5,004,660	1993/07/14	87/15917,4	1987/10/29
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	United States	Granted	5,013,528	1993/07/14	87/15917,4	1987/10/29
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Italy	Granted	0260335	1995/07/26	88/102940,0	1988/02/26
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Japan	Granted	2,683,011	1997/08/08	4,843,818	1988/02/26
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Japan	Granted	2,730,624	1997/12/19	5,619,97	1997/10/16
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Japan	Pending			5,622,97	1997/10/16
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Great Britain	Granted	0260335	1995/07/26	88/102940,0	1988/02/26
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	United States	Granted	4,818,916	1997/03/06	07/022,838	1997/03/06
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	France	Granted	9281157	1994/06/29	88/103403,7	1988/03/04
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Japan	Granted	2,708,447	1997/10/17	5,179,408	1988/03/04
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Great Britain	Granted	0281157	1994/06/29	88/103403,7	1988/03/04
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	United States	Granted	4,766,287	1994/06/23	07/022,910	1987/03/06
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	France	Granted	0281158	1994/01/12	88/103413,6	1988/03/04
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Japan	Granted	2,758,165	1994/03/13	5,179,508	1988/03/04
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Great Britain	Granted	0281158	1994/01/12	88/103413,6	1988/03/04
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	United States	Granted	4,872,979	1994/10/10	07/041,654	1987/10/42
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Australia	Granted	584,926	1988/04/22	1,509,218	1988/04/22
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	France	Granted	0287822	1993/03/10	88/105749,3	1988/04/11
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Italy	Granted	0287822	1993/03/10	88/105749,3	1988/04/11
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Japan	Granted	2,644,269	1997/03/02	8697/788	1988/04/21
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Great Britain	Granted	0287822	1993/03/10	88/105749,3	1988/04/11
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	United States	Granted	4,995,163	1991/02/26	07/389,676	1989/08/25
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	United States	Granted	4,813,267	1990/03/21	07/022,147	1987/03/05
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Italy	Granted	0281966	1994/02/02	88/103409,4	1988/03/04
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Japan	Granted	2,683,012	1997/08/08	4,843,818	1988/03/04
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Great Britain	Granted	0281966	1994/02/02	88/103409,4	1988/03/04
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Europe	Granted	0318802	1994/04/06	88/118828,8	1988/11/11
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Australia	Granted	625,233	1997/10/26	2,558,818	1988/11/18
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Canada	Granted	1,321,898	1993/09/07	3,81,269	1988/10/26
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	France	Granted	0318802	1994/04/06	88/118828,8	1988/11/11
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Germany	Granted	P3889825,0	1994/04/06	88/118828,8	1988/11/11
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Italy	Granted	0318802	1994/04/06	88/118828,8	1988/11/11
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Japan	Granted	2,760,818	1998/03/20	2,903,508	1988/11/18
3402	P0016AEP	Line Frequency Slaved Voltage-To-Frequency Converter System	Great Britain	Granted	0318802	1994/04/06	88/118828,8	1988/11/11

2765	P0087A	Fluid Flow Control Device	United States	Granted	4,054,532	1982/10/19	06/19/7,302	1980/10/15
4456	P0069A	Heater Control Circuit	United States	Granted	5,672,269	1992/08/20	08/59/410	1986/07/11
4443	P0066A	Apparatus For Controlling Level Of Cryogenic Liquid	United States	Granted	5,671,683	1992/08/20	08/56/436	1995/12/08
4435	P0064A	Dry Gas Curtain For Cryogenic Surface	United States	Granted	5,590,537	1992/10/10	08/52/4,555	1996/09/07
4431	P0060A	Catheter Having Ramped Coating Of A Heating Vessel Therein	United States	Granted	5,876,118	1990/03/02	08/56/9,558	1995/12/08
4430	P0049A	Gas Chromatographic System With Controlled Sample Transfer	United States	Granted	5,771,786	1990/01/27	08/7/34,699	1996/10/21
4411	P0047A	Flow Regulation In Gas Chromatograph	United States	Granted	5,545,252	1996/08/13	08/3/97,707	1995/02/01
3522	P0200A	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,681,530	1987/07/21	05/68/3,770	1996/05/16
4073	P0308AJP	Differential Dielectric Analyzer	Japan	Pending			05-08/4842	1993/02/02
3506	P0298AEP	Detector Cell	Europe	Granted	0,356,268	1995/07/12	89-105/263.1	1996/05/23
2956	P0276A	Optical Coupling Device	United States	Granted	4,494,212	1985/01/15	06/67/8,547	1984/07/06
2782	P0278A	Formeter System With Synchronous Check For Generation Of Ti	United States	Granted	4,345,479	1992/08/24	06/22/4,793	1991/01/13
2730	P0279A	Multi-port Valve In Gas Collection System And Method Of Use	United States	Granted	4,801,211	1986/07/22	06/68/0,688	1994/12/12
3536	P0296AJP	Low Cost Detector Cell	Japan	Granted	1,2042,337	1999/12/24	78/52/89	1999/03/31
3538	P0296BEP	Detector Cell For Liquid Chromatography	Europe	Published	0629574		84-108/52.8	1999/02/23
4511	P0089C	Monitoring Constituents Of An Animal Organ Using Shellsteel	United States	Pending			09/47.9,642	2000/01/07
5015	P0343A	Barcode Labeling Of ATO Tubes	United States	To File				
4479	P0064ACH	Analyzing Spectrometric Data	Switzerland	Granted	0834725		97/117/174.9	1997/10/02
4479	P0064ADE	Analyzing Spectrometric Data	Germany		0834725			
4479	P0064AFR	Analyzing Spectrometric Data	France		0834725			
4479	P0064AGB	Analyzing Spectrometric Data	Great Britain		0834725			
4479	P0064AIT	Analyzing Spectrometric Data	Italy		0834725			
4479	P0064ANL	Analyzing Spectrometric Data	Netherlands		0834725			
2730	P0278AJP	Multi-port Valve In Gas Collection System And Method Of Use	Japan	Granted	1,838,829	1994/04/25	27811/185	1985/12/12
4045	P0278ADE	Standardizing And Calibrating A Spectrometric Instrument	Germany	Granted	0560006		93/100/106.9	1993/01/07
4046	P0278ADE	Photoconductor Amplifies Linearity	Germany	Granted	093096504	1997/04/09	93/100/102.8	1993/01/07
4076	P0033AAU	Absorbance Correction In Atomic Absorption Spectroscopy	Australia	Granted	654,098		29814/92	
4137	P0039AAU	Grouping Of Spectral Bands For Data Acquisition	Australia	Granted	667,614		5757/384	
4493	P0066AEP	Tunable External Cavity Diode Laser	Europe	Published			97938051.6	1997/07/28
4642	P0345A	Use Of Hg Lines From Hg Lamp For Wavelength Standardization	United States	To File				
4841	P0315AJP	Low Cost Detector Cell	Japan	Granted	3,016,789	1999/12/24	78,752/89	1999/12/24
5003	P0347A	Use Of Ne Lines For ICP Instrument Standardization	United States	To File			60/193,974	2000/03/31
5003	P0348A	Apparatus And Methods To Improve The Sensitivity	United States	Pending			60/193,519	2000/03/31
5006	P0348A	Apparatus And Methods For Bioluminescent Analytical Methods	United States	Pending				
	P0349A	Polymeric Sampling Sash						
	P0350A	Polymeric Reagent Pad						
	P0351A	Sampling Device For Use In Automated Methods						
3824	P0099A	Arc Spray Gun For Coating Confined Areas	United States	Granted	4,853,513	1989/08/01	07/187,106	1988/04/28
3824	P0099ACA	Arc Spray Gun For Coating Confined Areas	United States	Granted	1,314,944	1993/03/23	597,288	1998/04/20
3824	P0099AJP	Arc Spray Gun For Coating Confined Areas	Canada	Granted	2-164470	1990/05/25	1-104817	1999/04/26
3824	P0099AEP	Arc Spray Gun For Coating Confined Areas	Europe	Granted	0339650		89/107/86.1	1999/04/27
3824	P0099ACN	Arc Spray Gun For Coating Confined Areas	China	Granted	1039976			
3824	P0099ADE	Arc Spray Gun For Coating Confined Areas	Germany	Granted	6892364b		89/107/86.1	1999/04/27
5000	P0352AJP	Padding Of The Torch Glassware	United States	Pending				2000/01/13
3264	P0002A	Digital Gain Controlled Current To Voltage Amplifier	United States	Granted	4,669,877	1987/06/02	06/704,386	1985/02/22
	P0328ACH	Detection Of Low Level Hydrophobic Analyses In Samples						
	P0328ADE	Detection Of Low Level Hydrophobic Analyses In Samples						
	P0328AFR	Detection Of Low Level Hydrophobic Analyses In Samples						
	P0328AGB	Detection Of Low Level Hydrophobic Analyses In Samples						
	P0328AIT	Detection Of Low Level Hydrophobic Analyses In Samples						
4590	P0073AWQ	Autosampler Having Gripper With Shape Memory Metal Actuator	PCT	Pending			PCT/US00/03756	2000/02/14
	P0073B	Autosampler	United States	Pending			09/516,466	2000/03/03
	P0045ADE	Autosampler	Germany	Pending			695,14,870,2,08	1995/06/22
	P0047BAU	Flow Regulation In Gas Chromatograph	Australia	Pending			1757890	2000/02/18

P0334AT	Fluid Conveying Device With Removable Connection	Italy	Pending				
P0334FR	Fluid Conveying Device With Removable Connection	France	Pending				
P0334DE	Fluid Conveying Device With Removable Connection	Germany	Pending				
P0334CH	Fluid Conveying Device With Removable Connection	Switzerland	Pending				
P0365AWD	Self Aligning Optical Fiber Terminator	PCT	Pending				
P0357A	Non-Contacting Method of Cleaning Surfaces	United States	Granted	4,966,024	1990/06/11	PC/T/US90/08687	2000/04/01
P0357ACA	Non-Contacting Method of Cleaning Surfaces	Canada	Granted	1,315,923	1992/04/13	07/391,715	1999/08/07
P0357AEP	Non-Contacting Method of Cleaning Surfaces	Europe	Granted	0324435	1999/07/19	567,985	1998/01/11
P0357ALP	Non-Contacting Method of Cleaning Surfaces	Japan	Granted	1,225,125	1999/06/08	89160346.9	1999/07/10
P0357ADE	Non-Contacting Method of Cleaning Surfaces	Germany	Granted	68809422	1993/11/04	882,982	1989/01/11
P0358A	Scanning Array Spectrophotometer	United States	Granted	4,798,464	1999/01/17	809,422	1999/07/10
P0359A	Method and Apparatus For Reactorless Rotation	United States	Granted	5,131,611	1992/07/21	06/838,658	1986/03/12
P042AGB	Nebulizer	Germany	Granted	693,320		891,936	1999/10/26
P042AGB	Nebulizer	United Kingdom	Granted	693,320		893,320	
P042ANL	Nebulizer	Netherlands	Granted	693,320		893,320	
P033AAU	Method For Processing A Sample	Italy	Granted	0529285	1998/09/02	92112375.8	1992/07/20
P033AIT	Single Element Thermal Conductivity Detector	Japan	Granted	2,678,879			
P0271AJP	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,952,858	1990/08/28	198,545	1998/05/18
P0380A	Microchromatograph Apparatus	Europe	Granted	D442639	1989/11/23	89108894.4	1989/05/17
P0380AEP	Microchromatograph Apparatus	Germany	Granted	2,035,709	1992/06/23	123,023	1999/05/18
P0380AJP	Microchromatograph Apparatus	Japan	Granted	1,304,173	1992/06/23	599,723	1989/05/15
P0380ACA	Microchromatograph Apparatus	Canada	Granted	68925231	1996/02/08	623,233	1999/05/17
P0380ADE	Microchromatograph Apparatus	Germany	Granted				
P0381A	Design Of A Device For Sampling A Surface To Collect	United States	To File				
P0382A	Payment Carrier For Reagents	United States	To File				
P0383A	Low Cost Internal Calibration Standard	United States	To File				
P0384A	Dual Photodiode Connection Of Background For Bioluminescence	United States	To File				
P0199AGB	Atomic Absorption Spectrometer	Great Britain	Granted	2,180,004			
3522	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	P3670372.9		P3670372.9	
6014	Conductive Coating To Eliminate Charge Effects And Reduce	United States	To File				
5011	Sanit-Check Swab And Swabbing Technique	United States	To File				
5013	Dual Photodiode Correction Of Background For Bioluminescence	United States	To File				
5012	Sanit-Check Detection Of Inhibitory Components	United States	To File				
4137	Grouping Of Spectral Bands For Data Acquisition	Germany	Pending				
3526	Devices For Igniting A Flame In An Atomic Absorption Estromel	Great Britain	Granted	2,180,328	1987/09/25	684,24,082 G-08	1986/09/10
3526	Devices For Igniting A Flame In An Atomic Absorption Estromel	Germany	Granted	P3532537.2	1987/09/19	8621842	1985/09/12
3522	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	3529547.3		P3532537.2	1985/09/12
4499	Method For Measuring Absolute Value Of Thermal Conductivity	United States	Pending				
4499	Method Of Detecting Organisms In A Sample	United States	Granted	5,902,772	1999/05/11	601210,256	2000/06/08
4499	Method Of Detecting Organisms In A Sample	United States	Granted			08/985,574	1987/12/05
5019	RH Compensation By Nylon Coatings Of Electrochemical	United States	Pending				
5020	Pinair Electrochemical Gas Sensor	United States	To File				
5021	Electrochemical Gas Sensor With Miniaturized Flow Channels	United States	To File				
5022	Electrochemical Gas Sensor	United States	To File				
5024	Cathode-Free Electrochemical Sensor	United States	To File				
5025	Integrated Electrochemical Gas Generator	United States	To File				
5025	Prevention Of Flooding In Thick-Film Electrochemical Sensors	United States	To File				
5026	RH Compensation For Electrochemical Sensors With Different	United States	To File				