

10-20-2000



101491785

PATENT
03141-P0266A WWW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignor:	Perkin-Elmer Corporation
Assignee:	Perkin Elmer LLC
Patent No. 4,682,805	Issue Date: July 28, 1987
Title of Application:	Grasping Finger Position Sensor for a Robot System

SEP 29

9-29-00

Box Assignment
Assistant Commissioner for Patents
Washington, DC 20231

Assignment Recordation Form Cover Sheet

Dear Sir:

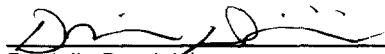
Please record the attached original document.

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

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

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

September 27, 2000


Danielle Dominić

10/19/2000 NTHAI1

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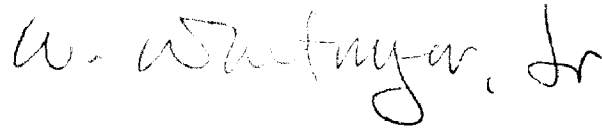
01 FC:581

40.00 DP

PATENT
REEL: 011159 FRAME: 0766

5. Patent Number: 4,682,805.
6. Total Number of Patents Involved: 1.
7. Total Fee (37 CFR 3.41). \$40.00 due. A check for this amount is enclosed.
8. Authorization to Charge Deposit Account. The Commissioner is hereby authorized to charge any additional fees due by this paper and during the entire pendency of this Application to Account No. 19-4516.
9. Statement and Signature. Total number of pages including cover sheet, attachments and document are 16. To the best of my knowledge and belief, the foregoing information is true and correct.

Respectfully submitted,



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

CONFIRMATORY ASSIGNMENT

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

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

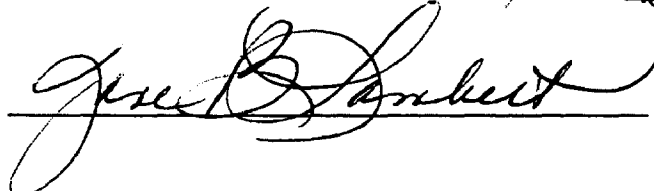
Executed this 18th day of July, 2000, at Connecticut, [State].

(Assignor)
Perkin-Elmer Corporation (*now named PE Corporation (NP)*)

By 
Name: Thomas Livingston
Title: Assistant Secretary

State of Connecticut
County of Fairfield ss.

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

Notary Public 

Perkin Elmer No.	Maker Code	Maker Name	EXHIBIT A	Country	Status	Registration Number	Issue Date	Serial Number	File Date
0895	P0003ASE	Automatic Variable Filter For Use In Scanned Spectrometers		Sweden	Pending			11468-6	187308/23
2103	P0004AJP	Flame Ionization Detector Status Indicator		Japan	Pending				
2357	P0005AJP	Detector Coil Assembly		Japan	Pending			160948	187812/29
3602 (AWK/UK05F8)	P0006AJP	High Resolution Slipping Motor Drive		Japan	Pending			60305706	188064/23
3828	P0016AJP	Low Frequency Slaved Voltage-To-Frequency Converter System		Japan	Granted	2,730,577	1987/12/19	279,498/87	1987/11/05
3908	P0019ADE	Circuit For Synchronizing Digital Signals		Japan	Granted	3,068,314	2000/04/28	02-2,059/46	1990/08/02
3973	P0020ADE	Application Of Kollman Fibering To ICP Spectra		Germany	Pending			P-9277/68.2	1989/08/23
3984	P0021AJP	3-Point Bending Measuring System		Germany	Allowed	3,032,800	2000/02/18	P4,100/046.3	1991/01/03
4014	P0023ADE	Pneumotonic Mechanism For Use In Chromatography		Germany	Pending			P4,110/763.2	1991/04/03
4014	P0023AJP	Pneumotonic Mechanism For Use In Chromatography		Japan	Granted	3,057,380	2000/04/21	3-7326/091	1991/04/05
4015	P0024ACA	Vial Locator And Sensor		Canada	Pending			2,035,916	1991/02/07
4015	P0024AJP	Vial Locator And Sensor		Japan	Granted	5-104,160	1993/09/30	333027/91.1	1993/02/27
4037	P0025AJP	Circuit For Heating And Sensing With A Single Element		Europe	Granted	0498063		91121135.7	1991/12/10
4045	P0027ACA	Standardizing And Calibrating A Spectrometric Instrument		Canada	Pending			2,087,380	1992/01/15
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument		Japan	Granted	560,006		9725017/8.7	1992/08/09
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument		Japan	Granted	6,082,307		05-03734.3	1993/02/03
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument		Korea	Granted	1937793	2000/03/14	1937793	1993/02/12
4046	P0028ACA	Photob detector Amplitude Linearity		Canada	Pending			2,087,821	1993/01/21
4046	P0028AJP	Photob detector Amplitude Linearity		Japan	Granted	5-80745	1984/09/29	05-0231771	1993/01/19
4067	P0030AJP	Inductively Coupled Plasma Generator		Korea	Granted	247,171	1993/01/21	788/93	1993/01/21
4070	P0031AJP	Single Element Thermal Conductivity Detector		Japan	Pending			115,169/93	1993/04/20
4076	P0033ADE	Absorbance Correction In Atomic Absorption Spectroscopy		Japan	Pending	5-223771	1993/06/21	214447/92	1992/08/19
4091	P0035ADE	Method And Apparatus For Heating A Thermionic Detector Spur		Germany	Pending			P4240301.4	1992/12/01
4091	P0035AJP	Method And Apparatus For Heating A Thermionic Detector Spur		Japan	Granted	5-256822	1993/10/08	P4237167.6	1992/11/04
4126	P0037AJP	Sampling Conditioning Method & Apparatus		Europe	Pending			04-327313	1992/11/13
4133	P0038ADE	Optical Switching Apparatus With Retriector		Germany	Pending			81903988.3	
4133	P0038AJP	Optical Switching Device With Retriector		Japan	Granted	7,287,176		19502431.1	1995/10/126
4137	P0039ACA	Grouping Of Spectral Bands For Data Acquisition		Canada	Allowed			06697/85	1995/02/27
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition		Europe	Granted	06751115	2000/04/26	2,115,855	1994/02/17
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition		Europe	Granted	6,300,826		94103598.2	1994/03/08
4317	P0041ACA	Hybrid Valving System For Varying Fluid Flow Rate		Canada	Allowed			36743/94	1994/09/09
4317	P0041AJP	Hybrid Valving System For Varying Fluid Flow Rate		Europe	Granted	0638959		2,126,486	1994/06/22
4389	P0042AJP	Netelizer		Japan	Granted	7,078,032	2000/04/27	94109891.5	1994/06/27
4389	P0042AJP	Netelizer		Japan	Published			177025/94	1994/07/28
4382	P0044AJP	Optical Spectrometer For Detecting Spectra In Separate Ranges		Japan	Published	0893320		177025/94	1994/07/28
4382	P0044AJP	Optical Spectrometer For Detecting Spectra In Separate Ranges		Australia	Granted	713,793	1996/05/24	180304/95	1995/07/17
4382	P0044AJP	Optical Spectrometer For Detecting Spectra In Separate Ranges		Europe	Granted	0744589		534831/06	1996/05/24
4385	P0045AJP	Apparatus And Method For Detecting Spectra In Separate Ranges		Japan	Pending			96107288.1	1996/05/08
4385	P0045AJP	Apparatus And Method For Detecting Spectra In Separate Ranges		Europe	Pending	0763196		132143/96	1996/05/27
4385	P0045BEP	Apparatus And Method For Differential Analysis Using Signals		Europe	Pending	0803061		899213/44.6	1995/05/22
4385	P0045BEP	Apparatus And Method For Differential Analysis Using Signals		Japan	Pending			8500887	1996/11/29
4385	P0045BEP	Apparatus And Method For Differential Analysis Using Signals		Japan	Pending			8500886	1996/11/29
4382	P0046AJP	Spectrometer With Selectable Radiation From Light Source		Australia	Granted	710,048	2000/01/20	343193/5	1995/10/17
4382	P0046AJP	Spectrometer With Selectable Radiation From Light Source		Europe	Granted	0708324		951156662.9	1995/10/17
4382	P0046AJP	Spectrometer With Selectable Radiation From Light Source		Japan	Pending			2710177/95	1995/10/19
4411	P0047ACA	Flow Regulation In Gas Chromatograph		Australia	Allowed			45801/96	1996/02/28
4411	P0047AJP	Flow Regulation In Gas Chromatograph		Canada	Pending	2,170,080		2-170,080	1996/02/22
4411	P0047AJP	Flow Regulation In Gas Chromatograph		Europe	Pending	0730151		96103188.7	1996/03/01

4411	P0017AEP	Flow Regulation In Gas Chromatograph	Japan	Pending	0851572	1996/03/01	4515196	1997/12/12
4412	P0048AEP	Solid State Industrially Coupled Plasma Generator	Europe	Pending	0851572	1997/12/12	971219845	1997/12/12
4427	P0048AEP	Solid State Industrially Coupled Plasma Generator	Japan	Published	0770489	1993/01/05	10000481	1993/01/05
4430	P0049AEP	Gas Chromatographic System With Controlled Sample Transfer	Europe	Pending	0770489	1996/10/23	961170164	1996/10/23
4431	P0050AEP	Calorimeter Having Rapid Cooling Of A Heating Vessel Therein	Japan	Granted	0776483	1997/06/11	281130196	1996/10/23
4431	P0050AEP	Calorimeter Having Rapid Cooling Of A Heating Vessel Therein	Europe	Granted	0776483	1997/07/11	32855286	1996/12/09
4432	P0051AEP	Thermal Insulating Container For Liquefied Gas	Japan	Published	9.178.577	1997/07/11	961134913	1996/08/22
4432	P0051AEP	Thermal Insulating Container For Liquefied Gas	Europe	Pending	0776439	1996/08/06	236954486	1996/08/06
4433	P0052AEP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Europe	Pending	0776439	1996/12/09	961193651	1996/12/09
4433	P0052AEP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Japan	Pending	0782033	1996/08/22	328554496	1996/12/09
4434	P0053AEP	Fluid Conveying Device With Removable Connection	Europe	Published	0782033	2000/06/14	961134905	1996/08/22
4434	P0053AEP	Fluid Conveying Device With Removable Connection	Japan	Pending	0782034	1996/10/06	236956196	1996/10/06
4435	P0054AEP	Dry Gas Curtain For Cryogenic Surfaces	Europe	Pending	0782034	1996/10/04	961100362	1996/10/04
4435	P0054AEP	Dry Gas Curtain For Cryogenic Surfaces	Japan	Pending	6.049.762	2000/04/11	971225586	1997/12/19
4440	P0055AEP	Standardizing A Spectrometric Instrument	Japan	Pending	6.049.762	2000/04/11	35955097	1997/12/22
4440	P0055AEP	Standardizing A Spectrometric Instrument	Europe	Pending	6.049.762	1997/12/18	087993482	1997/12/18
4443	P0056AEP	Apparatus For Controlling Level Of Cryogenic Liquid	Europe	Granted	0851219	1996/12/03	961183689	1996/12/03
4443	P0056AEP	Apparatus For Controlling Level Of Cryogenic Liquid	Japan	Pending	0851219	1996/12/09	328916396	1996/12/09
4455	P0057AEP	Standardizing Between Analytical Instruments	Europe	Pending	0851219	1997/12/19	971225511	1997/12/19
4455	P0057AEP	Standardizing Between Analytical Instruments	Japan	Pending	0876712	1997/12/22	35374897	1997/12/22
4456	P0057B	Standardizing Between Analytical Instruments	United States	Pending	0876712	1996/05/18	087893489	1997/12/22
4457	P0058AEP	Standardizing Of Chromatographic Systems	Europe	Pending	0876712	1996/05/18	991060418	1996/05/18
4457	P0058AEP	Standardizing Of Chromatographic Systems	Japan	Pending	5.958.246	1999/09/28	195737898	1996/05/18
4457	P0058B	Standardizing Of Chromatographic Systems	United States	Granted	5.958.246	1999/05/14	09079.080	1996/05/14
4458	P0059AEP	Heater Control Circuit	Japan	Pending	0910231	1997/01/04	1082797	1997/01/04
4471	P0062AEP	Mounting Apparatus For Induction Coupled Plasma Torch	Europe	Granted	0910231	1996/10/09	881181307	1996/10/09
4471	P0062AEP	Mounting Apparatus For Induction Coupled Plasma Torch	Japan	Pending	0898784	1996/10/15	293630094	1996/10/15
4472	P0063AEP	Ion Detector, Detector Array And Instrument Using Same	Europe	Pending	0898784	1996/10/20	919203393	1996/10/20
4472	P0063AEP	Ion Detector, Detector Array And Instrument Using Same	Japan	Pending	0834725	1996/10/12	8-637249	1996/10/12
4479	P0064AEP	Analyzing Spectrometric Data	Europe	Pending	0834725	1997/10/02	971171749	1997/10/02
4479	P0064B	Analyzing Spectrometric Data	United States	Granted	6.079.115	2000/01/22	27105097	1997/10/02
4484	P0065A	Self Aligning Optical Fiber Terminator	United States	Pending	097285.282	1997/09/30	097285.282	1997/09/30
4484	P0065AAU	Tunable External Cavity Diode Laser	Australia	Pending	097285.282	1996/04/02	4046697	1996/04/02
4483	P0065ACA	Tunable External Cavity Diode Laser	Canada	Pending	2.261.036	1997/07/28	2.261.036	1997/07/28
4493	P0066AEP	Tunable External Cavity Diode Laser	Japan	Pending	0829717	1999/01/26	105096031	1999/01/26
4493	P0066AEP	Tunable External Cavity Diode Laser	Europe	Pending	0829717	1997/09/16	971158654	1997/09/16
4498	P0067AEP	Backscattering System For Gas Chromatography	Japan	Pending	0872732	1996/04/15	25047797	1997/09/16
4498	P0067AEP	Backscattering System For Gas Chromatography	Europe	Pending	0872732	1996/04/15	981068224	1996/04/15
4531	P0070AEP	Method And Apparatus To Compensate For Gas Chromatograph	Japan	Pending	0872732	1996/04/15	105122298	1996/04/15
4531	P0070AEP	Method And Apparatus To Compensate For Gas Chromatograph	United States	Pending	5.240.764	1999/03/05	097250.063	1999/02/12
4538	P0071A	Autosampler	United States	Pending	1.361.134	1997/01/20	04-346133	1997/01/20
4590	P0073A	Autosampler Having Gripper With Shape Memory Metal Actuator	United States	Granted	0254326	1987/07/24	87110775.1	1987/07/24
4076	P0079AEP	Computer Control Cable Multi-Port Valve	Japan	Granted	0254326	1987/07/24	097085.762	1989/04/23
3578	P0085AEP	Regulated Deuterium Arc System Supply	Europe	Granted	0254326	1987/07/24	087362.887	1989/04/23
4385	P0045A	Apparatus And Method For Differential Analysis Using Signals	United States	Pending	5.548.387	1996/06/27	1994/06501	1994/06/27
4385	P0045A	Apparatus And Method For Differential Analysis Using Signals	United States	Granted	0428010	1994/06/27	901208395	1994/06/27
3984	P0021AEP	3 Point Bending Measuring System	Europe	Granted	5.441.631	1995/01/02	087201.848	1994/02/25
4133	P0030A	Optical Switching Apparatus With Retroreflector	United States	Granted	6.412.458	1995/05/02	087028.515	1995/05/02
4137	P0039A	Grouping Of Spectral Bands For Data Acquisition	United States	Granted	22320/40	1996/02/26	22320/40	1996/02/26
2495	P0089AEP	Automatic Temperature Calibration Of Thermal Analyzers	Japan	Pending				
3568	P0091A	Deposited Glass Etchings	United States	Granted	2.260.026	1998/01/21	9412352.6	1994/06/20
4086	P0004AEB	Photometric Instrument With Optical Fibers For Analyzing	Great Britain	Granted	2.260.026	1998/01/21	PCT/US97/06077	1997/04/11
4472	P0061AWO	Ion Detector, Detector Array And Instrument Using Same	PCT	Published				

4472	P0063A	Ion Detector, Detector Array And Instrument Using Same	United States	Pending		09/18/80	157	1980/11/03
4493	P0066B	Tunable External Cavity Diode Laser	United States	Granted	0085171	1980/06/13	09/23/89	1980/11/03
2714	P0083AFR	Solvent Delivery System	Europe	Granted	0085171	1980/06/13	02/11/77	1982/12/17
2714	P0083ADE	Solvent Delivery System	France	Granted	0085171	1980/06/13	02/11/77	1982/12/17
2714	P0083AAL	Solvent Delivery System	Germany	Granted	P.327.6327.2	1980/06/13	02/11/77	1982/12/17
2714	P0083AAT	Solvent Delivery System	Netherlands	Granted	0085171	1980/06/13	02/11/77	1982/12/17
2714	P0083AUP	Solvent Delivery System	Italy	Granted	0085171	1980/06/13	02/11/77	1982/12/17
2714	P0083ASE	Solvent Delivery System	Japan	Granted	1.764.707	1980/06/28	11/60/2/83	1982/01/28
2714	P0083ACH	Solvent Delivery System	Sweden	Granted	0085171	1980/06/13	02/11/77	1982/12/17
2714	P0083ACB	Solvent Delivery System	Switzerland	Granted	0085171	1980/06/13	02/11/77	1982/12/17
2714	P0083AA	Solvent Delivery System	Great Britain	Granted	0085171	1980/06/13	02/11/77	1982/12/17
2766	P0087ACB	Spectrophotometer Gas Control System	United States	Granted	4.556.367	1980/06/20	06/63/2.758	1984/07/20
2851	P0089ADE	Fluid Flow Control Device	France	Granted	0085204	1980/07/16		
2851	P0089AJP	Optical Beam Splitter	Great Britain	Granted	2.085.614	1980/08/30	0125893.1	1981/08/25
2851	P0089ACH	Optical Beam Splitter	Germany	Granted	P.326.5483.6	1980/08/21	02100548.3	1982/01/29
2851	P0089ACB	Optical Beam Splitter	Japan	Granted	1.792.015	1980/10/14	34115/82	1982/03/02
2851	P0089ACB	Optical Beam Splitter	Switzerland	Granted	0059836	1980/08/21	02100548.3	1982/01/29
2851	P0089AA	Optical Beam Splitter	Great Britain	Granted	0059836	1980/08/21	02100548.3	1982/01/29
2851	P0089ADE	Apparatus Useful With A Chromatography Column	United States	Granted	4.487.477	1980/04/12	06470.427	1980/02/28
2873	P0099ACB	Apparatus Useful With A Chromatography Column	Germany	Granted	P.327.0822.0	1980/06/15	02100508.1	1982/07/17
2873	P0099ACH	Apparatus Useful With A Chromatography Column	Switzerland	Granted	0075688	1980/10/15	02100508.1	1982/07/18
2873	P0100ADE	Apparatus And Method Useful For Analyzing Refractory Substances	Great Britain	Granted	0075688	1980/10/15	02100508.1	1982/07/18
2873	P0100AJP	Apparatus Useful For Analyzing Refractory Substances	Germany	Granted	3203590	1980/05/13	3203580	1982/02/17
2873	P0100AA	Apparatus Useful For Analyzing Refractory Substances	Japan	Granted	1.676.561	1980/06/26	22182/82	1981/02/16
2876	P0102AEP	Control Circuit For Liquid Chromatograph	United States	Granted	4.419.675	1980/08/23	06/235.781	1981/02/19
2876	P0102AFR	Control Circuit For Liquid Chromatograph	Europe	Granted	0085172	1980/11/06	06/269.305	1981/06/02
2876	P0102ADE	Control Circuit For Liquid Chromatograph	France	Granted	0085172	1980/11/11	02111720.7	1982/12/17
2876	P0102AJP	Control Circuit For Liquid Chromatograph	Germany	Granted	P.327.7648.8	1980/11/11	02111720.7	1982/12/17
2876	P0102ASE	Control Circuit For Liquid Chromatograph	Italy	Granted	0085172	1980/11/11	02111720.7	1982/12/17
2876	P0102ACH	Control Circuit For Liquid Chromatograph	Japan	Granted	0085172	1980/11/11	02111720.7	1982/12/17
2876	P0102AGB	Control Circuit For Liquid Chromatograph	Sweden	Granted	0085172	1980/11/11	02111720.7	1982/12/17
2876	P0102A	Control Circuit For Liquid Chromatograph	Switzerland	Granted	0085172	1980/11/11	02111720.7	1982/12/17
2888	P0103AFR	Spectrophotometer	Great Britain	Granted	4.450.574	1980/05/22	08/940.805	1982/01/29
2888	P0103ADE	Spectrophotometer	France	Granted	0087584	1980/07/07	03100488.9	1982/01/28
2888	P0103AJP	Spectrophotometer	Germany	Granted	P.338.8984.8	1980/07/07	03100488.9	1982/01/28
2888	P0103ACH	Spectrophotometer	Great Britain	Granted	0087584	1980/07/07	03100488.9	1982/01/28
2888	P0103A	Spectrophotometer	United States	Granted	0087584	1980/07/07	03100488.9	1982/01/28
2890	P0104AFR	Liquid Level Sensor	United States	Granted	4.464.051	1980/08/07	08/294.254	1982/05/30
2890	P0104ADE	Liquid Level Sensor	France	Granted	0128120	1980/08/17	04106728.4	1984/05/30
2890	P0104AJP	Liquid Level Sensor	Germany	Granted	P.347.3508.7	1980/08/17	04106728.4	1984/05/30
2890	P0104ACH	Liquid Level Sensor	Switzerland	Granted	0128120	1980/08/17	04106728.4	1984/05/30
2890	P0104AGB	Liquid Level Sensor	Great Britain	Granted	0128120	1980/08/17	04106728.4	1984/05/30
2890	P0104A	Liquid Level Sensor	United States	Granted	4.532.788	1980/08/06	08/506.232	1983/06/17
2891	P0105A	Control Circuit For Stepper Motor	United States	Granted	4.417.188	1980/11/22	06/344.247	1982/01/28
3007	P0106ADE	L.C. Sample Cell	Germany	Granted	3512537.0	1980/08/27	3512537	1980/08/23
3007	P0106AJP	L.C. Sample Cell	Japan	Granted	1.828.835	1980/05/12	18814/85	1980/02/04
3007	P0106ASE	Sample Cell Temperature Stabilizer	Sweden	Granted	0154782	1980/08/23	05100847.2	1980/11/30
3007	P0106ACH	Sample Cell Temperature Stabilizer	Switzerland	Granted	0154782	1980/08/23	05100847.2	1980/11/30
3007	P0106AGB	L.C. Sample Cell	Great Britain	Granted	0154782	1980/08/23	05100847.2	1980/11/30
3007	P0106A	Sample Cell Temperature Stabilizer	United States	Granted	4.598.765	1980/07/08	06/516.585	1984/02/03
3048	P0109AAU	Furnace Positioning Mechanism	Australia	Granted	561.564	1980/05/14	18484/83	1980/08/28
3048	P0109AADE	Furnace Positioning Mechanism	Germany	Granted	P.337.6594.5	1980/11/30	03107708.4	1980/08/04
3048	P0109AAIT	Thin Driven Soda Glass Coated To Protect From Contact	Italy	Granted	0101982	1980/11/30	03107708.4	1980/08/04
3048	P0109AGB	The Use Of Thin Driven Soda Glass Appropriately Coated To	Great Britain	Granted	0101982	1980/11/30	03107708.4	1980/08/04
3061	P0109AEP	Ship Hatch Assembly	Europe	Granted	0133226	1980/03/30	04108028.6	1984/07/19

3061	P0110ABE	Sig Clutch Assembly	Belgium	Granted	0,133,226	1988/09/30	B4108028.6	1984/7/9
3061	P0110AFR	Sig Clutch Assembly	France	Granted	0133226	1988/09/30	B4108028.6	1984/7/9
3061	P0110ADE	Coupler Mechanism	Germany	Granted	3470189.0	1988/09/30	B4108028.6	1984/7/9
3061	P0110ANL	Sig Clutch Assembly	Netherlands	Granted	0133226	1988/09/30	B4108028.6	1984/7/9
3061	P0110AAT	Sig Clutch Assembly	Italy	Granted	0133226	1988/09/30	B4108028.6	1984/7/9
3061	P0110ACH	Sig Clutch Assembly	Switzerland	Granted	0133226	1988/09/30	B4108028.6	1984/7/9
3061	P0110A	Sig Clutch Assembly	United States	Granted	4,560,050	1988/11/24	B6517.090	1983/07/25
3076	P0111AEP	Spectrophotometer	Europe	Granted	0135761	1989/10/05	B4109506.0	1984/08/09
3076	P0111ABE	Spectrophotometer	Belgium	Granted	0,135,761	1989/10/05	B4109506.0	1984/08/09
3076	P0111AFR	Spectrophotometer	France	Granted	0,135,761	1989/10/05	B4109506.0	1984/08/09
3076	P0111ADE	Optical Design Of Fourier Transform Spectrophotometer	Germany	Granted	33484668.9	1989/10/05	B4109506.0	1984/08/09
3076	P0111ANL	Spectrophotometer	Netherlands	Granted	0135761	1989/10/05	B4109506.0	1984/08/09
3076	P0111AAT	Spectrophotometer	Italy	Granted	0135761	1989/10/05	B4109506.0	1984/08/09
3076	P0111AJP	Optical Design Of Fourier Transform Spectrophotometer	Japan	Granted	1,800,723	1989/11/12		
3076	P0111ACH	Spectrophotometer	Switzerland	Granted	0135761	1989/10/05	B4109506.0	1984/08/09
3076	P0111ACG	Spectrophotometer	Great Britain	Granted	0135761	1989/10/05	B4109506.0	1984/08/09
3076	P0111ACB	Spectrophotometer	United States	Granted	4,740,082	1988/04/26	06/658.655	1986/04/24
3101	P0111A	Solvent Pressurizing System	United States	Granted	4,448,684	1984/05/15	1983/01/28	1984/07/06
3109	P0113A	Liquid Chromatography Controller	United States	Granted	4,618,935	1986/10/21	06/568.765	1984/07/06
3111	P0114A	Pulse Damper	United States	Granted	4,548,713	1985/10/22	06/565.064	1984/03/02
3111	P0114ADE	RTV Pulse Damper	Germany	Granted	3585429.5	1988/10/05	3585429	1984/10/05
3111	P0114AJP	RTV Pulse Damper	Japan	Granted				
3111	P0114ASE	Pulse Damper	Sweden	Granted	0156132	1988/10/05	85101262.6	1985/02/06
3111	P0114ACH	Pulse Damper	Switzerland	Granted	0156132	1988/10/05	85101262.6	1985/02/06
3138	P0116ACB	Holder Assembly For Reaction Tubes	Great Britain	Granted	0156132	1988/10/05	85101262.6	1985/02/06
3138	P0116AAU	Holder Assembly For Reaction Tubes	Great Britain	Granted	706,789	1989/06/24	32881/85	1985/08/27
3135	P0117AAU	KCP Bad Plasma Detector	Australia	Allowed	705,036	1989/03/13	85101901.6	1986/02/14
3135	P0115AEP	Instantaneous Reading Multichannel Polychromatic Spectrophot	Europe	Granted	0192200	1986/02/14	85101901.6	1986/02/14
3135	P0115AFR	Instantaneous Reading Multichannel Polychromatic Spectrophot	France	Granted	0192200	1986/02/14	85101901.6	1986/02/14
3135	P0115ADE	A Novel Army Spectrometer	Germany	Granted	3650491.2	1986/03/06	3650491	1986/03/06
3135	P0115ANL	Instantaneous Reading Multichannel Polychromatic Spectrophot	Netherlands	Granted	0192200	1986/03/06	85101901.6	1986/02/14
3135	P0115AJP	A Novel Army Spectrometer	Japan	Granted	2,602,809	1987/01/29		
3135	P0115ACH	Instantaneous Reading Multichannel Polychromatic Spectrophot	Switzerland	Granted	0192200	1986/03/06	85101901.6	1986/02/14
3135	P0115ACB	Instantaneous Reading Multichannel Polychromatic Spectrophot	Great Britain	Granted	0192200	1986/03/06	85101901.6	1986/02/14
3138	P0116AEP	Holder Assembly For Reaction Tubes	United States	Granted	4,678,812	1987/07/07	06/703.280	1985/02/19
3138	P0116AJP	Holder Assembly For Reaction Tubes	Japan	Granted	3407065	1984/12/22	3407065	1984/02/28
3138	P0116A	Holder Assembly For Reaction Tubes	United States	Granted	1,919,140	1985/04/07	35465/84	1984/02/28
3139	P0117A	Holder Assembly For Reaction Tubes	United States	Granted	5,032,283	1987/07/16	06/882.017	1986/07/03
3142	P0118AEP	Apparatus For Monitoring a Plasma Torch	United States	Granted	4,640,827	1987/02/03	06/526.758	1983/08/26
3142	P0118AFR	An Apparatus And Method For Optimizing Separation Of An Unin	France	Granted	0175925	1982/09/30	85110513.0	1985/08/21
3142	P0118ADE	An Apparatus And Method For Optimizing Separation Of An Unin	Germany	Granted	0175925	1982/09/30	85110513.0	1985/08/21
3142	P0118ANL	An Apparatus And Method For Optimizing The Separation Of An	Netherlands	Granted	P33565/05.1	1982/09/30	85110513.0	1985/08/21
3142	P0118AJP	An Apparatus And Method For Optimizing The Separation Of An	Switzerland	Granted	0175925	1982/09/30	85110513.0	1985/08/21
3142	P0118ACH	An Apparatus And Method For Optimizing The Separation Of An	Japan	Granted	2,075,811	1985/07/25		
3142	P0118ACB	An Apparatus And Method For Optimizing Separation Of An Unin	Great Britain	Granted	0175925	1982/09/30	85110513.0	1985/08/21
3142	P0118A	An Apparatus And Method For Optimizing Separation Of A Sample	United States	Granted	0175925	1982/09/30	85110513.0	1985/08/21
3143	P0119A	Apparatus Of Method For Optimizing Separation Of A Sample	United States	Granted	4,579,663	1988/04/01	06/653.256	1984/08/24
3162	P0120A	Light Detector Apparatus	United States	Granted	5,073,345	1991/12/17	06/733.370	1985/07/09
3163	P0121A	Sample Cell Temperature Stabilizer	United States	Granted	4,589,477	1988/05/20	06/576.660	1984/02/03
3173	P0123AEP	Compensator Plate Adjustment For Beam Splitter	Europe	Granted	0137206	1991/01/23		1984/08/09
3173	P0123ABE	Compensator Plate Adjustment For Beam Splitter	Belgium	Granted	0137206	1991/01/23		1984/08/09
3173	P0123AFR	Compensator Plate Adjustment For Beam Splitter	France	Granted	0137206	1991/01/23		1984/08/09
3173	P0123ADE	Compensator Plate Adjustment For Beam Splitter	Germany	Granted	P3483982.5	1991/01/23		1984/08/09
3173	P0123ANL	Compensator Plate Adjustment For Beam Splitter	Netherlands	Granted	0137206	1991/01/23		1984/08/09
3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Japan	Granted	0137206	1991/01/23		1984/08/09

3173	P0123AJP	Compenator Plate Adjustment For Beam Splitter	Japan	Granted	2,131,945	1986/08/12	64109507.8	1984/08/09
3173	P0123AGH	Compenator Plate Adjustment For Beam Splitter	Switzerland	Granted	0,137,206	1981/10/12/3	64109507.8	1984/08/09
3173	P0123AGB	Compenator Plate Adjustment For Beam Splitter	Great Britain	Granted	0,137,206	1981/10/12/3	64109507.8	1984/08/09
3175	P0123AA	Assembly For Adjusting An Optical Element	United States	Granted	4,736,505	1988/04/05	06/827,885	1983/06/30
3175	P0123AAB	Purge Shutter Mechanism	Belgium	Granted	0,144,539	1988/04/08		
3175	P0123AAD	Purge Shutter Mechanism	Germany	Granted	347,830.3	1988/04/08		
3175	P0123AANL	Purge Shutter Mechanism	Netherlands	Granted	0,144,539	1988/04/08		
3175	P0123AAT	Purge Shutter Mechanism	Italy	Granted	0,144,539	1988/04/08		
3175	P0123AJP	Purge Shutter Mechanism	Japan	Granted	1,772,551	1988/07/14		
3175	P0123AGH	Purge Shutter Mechanism	Switzerland	Granted	0,144,539	1988/04/08		
3175	P0123AGB	Purge Shutter Mechanism	United States	Granted	4,603,435	1988/08/05	06/101623	1988/02/07
3178	P0125AEP	Digital Control For Rapid Refill Of A Liquid Chromatograph	Europe	Granted	0,194,450	1989/10/12/3		
3178	P0125AFR	Digital Control For Rapid Refill Of A Liquid Chromatograph	France	Granted	0,194,450	1989/10/12/3		
3178	P0125ADE	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Germany	Granted	367,029.8	1989/10/12/3	367,029	1989/10/12/3
3178	P0125ANL	Digital Control For Rapid Refill Of A Liquid Chromatograph	Netherlands	Granted	0,194,450	1989/10/12/3		
3178	P0125ANT	Digital Control For Rapid Refill Of A Liquid Chromatograph	Italy	Granted	0,194,450	1989/10/12/3		
3178	P0125AJP	Digital Control For Rapid Refill Of A Liquid Chromatograph	Japan	Granted	1,979,685	1989/10/12/3		
3178	P0125ASE	Digital Control For Rapid Refill Of A Liquid Chromatograph	Sweden	Granted	0,194,450	1989/10/12/3		
3178	P0125AGH	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Switzerland	Granted	0,194,450	1989/10/12/3		
3178	P0125AGB	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Great Britain	Granted	0,194,450	1989/10/12/3		
3178	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	United States	Granted	4,643,649	1987/02/17	067/00,705	1986/02/11
3196	P0126AEP	Interferometer Mirror Adjustment	Europe	Granted	0,158,173	1989/11/02	65103202	1988/03/19
3196	P0126AFR	Interferometer Mirror Adjustment	France	Granted	0,158,173	1989/11/02		
3196	P0126ADE	Interferometer Mirror Adjustment	Germany	Granted	3,574,050	1988/11/02		
3196	P0126AJP	Interferometer Mirror Adjustment	Japan	Granted	1,976,664	1988/08/30		
3196	P0126AGB	Interferometer Mirror Adjustment	Great Britain	Granted	0,158,173	1989/11/02		
3196	P0126A	Interferometer Mirror Adjustment	United States	Granted	4,621,898	1986/11/11	06/598,768	1984/04/08
3213	P0128AEP	Micro Argon Detector	Europe	Granted	0,184,892	1982/08/19	65305196.8	1985/07/22
3213	P0128AFR	Micro Argon Detector	France	Granted	0,184,892	1982/08/19	65305196.8	1985/07/22
3213	P0128ADE	Micro Argon Detector	Germany	Granted	3,566,528.6	1982/08/19	65305196.8	1985/07/22
3213	P0128ANL	Micro Argon Detector	Netherlands	Granted	0,184,892	1982/08/19	65305196.8	1985/07/22
3213	P0128AJP	Micro Argon Detector	Japan	Granted	1,898,498	1985/07/22	65305196.8	1985/07/22
3213	P0128AGH	Micro Argon Detector	Switzerland	Granted	0,184,892	1982/08/19	65305196.8	1985/07/22
3213	P0128AGB	Micro Argon Detector	Great Britain	Granted	0,184,892	1982/08/19	65305196.8	1985/07/22
3213	P0128A	Micro Argon Detector	United States	Granted	4,740,685	1988/04/26	06/787,663	1985/07/15
3234	P0129A	Apparatus For Controlling A Plasma	United States	Granted	4,609,810	1984/08/26	06/624,313	1984/08/26
3234	P0129AEP	Liquid Chromatographic Cartridge Column System	Europe	Granted	0,161,493	1982/05/20	64104441	1983/04/12
3234	P0129AFR	Liquid Chromatographic Cartridge Column System	France	Granted	0,161,493	1982/05/20	64104441.2	1983/04/12
3234	P0129ADE	Liquid Chromatographic Cartridge Column System	Germany	Granted	3,566,506.5	1982/05/20	65104441.2	1983/04/12
3234	P0129ANL	Liquid Chromatographic Cartridge Column System	Netherlands	Granted	0,161,493	1982/05/20	65104441.2	1983/04/12
3234	P0129AJP	Liquid Chromatographic Cartridge Column System	Japan	Granted	2,574,045	1982/05/20	65104441.2	1983/04/12
3234	P0129AGH	Liquid Chromatographic Cartridge Column System	Switzerland	Granted	0,161,493	1982/05/20	65104441.2	1983/04/12
3234	P0129AGB	Liquid Chromatographic Cartridge Column System	Great Britain	Granted	0,161,493	1982/05/20	65104441.2	1983/04/12
3234	P0129A	Liquid Chromatographic Cartridge Column System	United States	Granted	4,587,014	1986/05/06	06/607,878	1984/05/07
3255	P023AEP	Polychromator For Multi-Element Analysis	Europe	Granted	0,288,204.3	1983/10/20		
3255	P023AFR	Polychromator For Multi-Element Analysis	France	Granted	0,288,204.3	1983/10/20		
3255	P023ADE	Polychromator For Multi-Element Analysis	Germany	Granted	4,785,257	1989/10/10/3	07/024,237	1987/03/10
3255	P023ANL	Polychromator For Multi-Element Analysis	Italy	Granted	0,288,204.3	1989/10/10/2		
3255	P023AJP	Polychromator For Multi-Element Analysis	Japan	Granted	2,111,789	1989/10/10/2		
3255	P023AGH	Polychromator For Multi-Element Analysis	Switzerland	Granted	0,288,204.3	1989/10/10/2		
3255	P023AGB	Polychromator For Multi-Element Analysis	United States	Granted	4,629,940	1988/12/16	06/595,807	1984/03/02
3258	P024AEP	Dual Servo Impedance Matching System For Icp Spectroscopy	Europe	Granted	0,155,496	1991/10/10/2		
3258	P024AFR	Dual Servo Impedance Matching System For Icp Spectroscopy	France	Granted	0,155,496	1991/10/10/2		
3258	P024ADE	Dual Servo Impedance Matching System For Icp Spectroscopy	Germany	Granted	3,560,991.4	1991/10/10/2		
3258	P024ANL	Dual Servo Impedance Matching System For Icp Spectroscopy	Italy	Granted	5,100,187	1989/2/04/28	07/722,393	1989/10/6/19
3258	P024AJP	Dual Servo Impedance Matching System For Icp Spectroscopy	Japan	Granted	2,111,789	1989/2/04/28		
3258	P024AGH	Dual Servo Impedance Matching System For Icp Spectroscopy	Switzerland	Granted	0,155,496	1991/10/10/2		
3258	P024AGB	Dual Servo Impedance Matching System For Icp Spectroscopy	United States	Granted	4,629,940	1988/12/16	06/595,807	1984/03/02
3258	P024A	Dual Servo Impedance Matching System For Icp Spectroscopy	France	Granted	0,155,496	1991/10/10/2		
4314	P024SAFR	Correction Of Spectra For Stray Radiation	France	Granted	0,658,751	1989/08/05		

4314	P0245AD	Correction Of Spectra For Stray Radiation	Germany	Granted	6941222.1	1988/04/05			
3289	P0132AEP	Multiple Streams Sampling System	Europe	Granted	0154188	1991/09/25			
4314	P0245AJP	Correction Of Spectra For Stray Radiation	Japan	Pending					
3289	P0132ADE	Multiple Streams Sampling System	Germany	Granted	3394175.3	1991/09/25			
3289	P0132ASE	Multiple Streams Sampling System	Sweden	Granted	0154188	1991/09/25			
4314	P0245AGB	Correction Of Spectra For Stray Radiation	Great Britain	Granted	0658751	1988/02/05			
3289	P0132ACH	Multiple Streams Sampling System	Switzerland	Granted	0154188	1991/09/25			
4314	P0245A	Correction Of Spectra For Stray Radiation	United States	Granted	5,428,558	1995/08/27			
3289	P0132A	Apparatus For Periodically Monitoring Composition of Samples	United States	Granted	4,670,639	1987/07/07			
3287	P0134A	Synchronous Wavelength Drive And Data Acquisition Conversion	United States	Granted	4,660,977	1987/04/20			
3292	P0135A	Safety Apparatus for an Atomic Absorption Spectroscopy Burner	United States	Granted	4,668,267	1986/02/04			
3299	P0137A	Self-Starting Lampholder	United States	Granted	4,597,034	1986/08/24			
3307	P0138AEP	Programmed Temperature Control Of A Thermal System	Europe	Granted	0184283	1991/12/04			
3307	P0138AEP	Programmed Temperature Control Of A Thermal System	France	Granted	0184283	1991/12/04			
3307	P0138ADE	Programmed Temperature Control Of A Thermal System	Germany	Granted	P358424.3	1991/12/04			
3307	P0138ANL	Programmed Temperature Control Of A Thermal System	Netherlands	Granted	0184283	1991/12/04			
3307	P0138AJP	Programmed Temperature Control Of A Thermal System	Japan	Granted	2,033,583	1996/03/19			
3307	P0138AGH	Programmed Temperature Control Of A Thermal System	Switzerland	Granted	0184283	1991/12/04			
3307	P0138AGB	Programmed Temperature Control Of A Thermal System	Great Britain	Granted	0184283	1991/12/04			
3307	P0138A	Programmed Temperature Control Of A Thermal System	United States	Granted	4,752,218	1988/06/21			
3309	P0139A	Ionization Detectors for Gas Chromatography	United States	Granted	4,837,441	1988/08/06			
3309	P0139AGB	Ionization Detectors For Gas Chromatography	Great Britain	Granted	2,103,697	1990/07/11			
3312	P0140ADE	Linearized Ultra-Low Noise MCT Preamp	Germany	Granted	2,068,543	1990/07/10			
3312	P0140AJP	Linearized Ultra-Low Noise MCT Preamp	Japan	Granted	2,171,512	1989/01/25			
3312	P0140AGB	Detector Preamp/Kit for Use with a MCT Detector	Great Britain	Granted	2,171,512	1989/01/25			
3313	P0141A	Fluid Flow Control System	United States	Granted	4,617,853	1988/07/21			
2445	P0256ADE	Optical Beam Switching Apparatus	United States	Granted	P2828.145	1987/09/10			
2445	P0256AJP	Optical Beam Switching Apparatus	Germany	Granted	P2828.145	1987/09/10			
2445	P0256AGB	Optical Beam Switching Apparatus	Italy	Granted	1116127	1986/02/03			
3321	P0143A	System for Changing Oxidants in a Spectrophotometer	Great Britain	Granted	4,571,172	1988/02/10			
2515	P0257AJP	Phase Synchronization	Japan	Granted	1,711,151	1992/11/11			
2515	P0257AGB	Spectroscopic Phase Synchronization Apparatus	Great Britain	Granted	2,092,288	1984/08/22			
2515	P0257ADE	Phase Synchronization Apparatus	United States	Granted	4,386,852	1986/06/07			
2646	P0258AGB	Method And Method for Determining The Nature Of An Unknown	Japan	Granted	1,670,082	1992/08/12			
2646	P0101AAU	Apparatus Useful For Positioning A Light Filter	Japan	Granted	2,070,235	1984/02/01			
3331	P0144AEP	Solvent Preswirling & Degassing System	Australia	Granted	\$64,477	1985/12/12			
3331	P0144AEP	Solvent Preswirling & Degassing System	France	Granted	0179349	1988/05/24			
3331	P0144ADE	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Europe	Pending					
3331	P0144ANL	Solvent Preswirling & Degassing System	Germany	Granted	337,052.7.2	1988/05/24			
3331	P0144AJP	Solvent Preswirling & Degassing System	Netherlands	Granted	0179349	1988/05/24			
3331	P0144AGB	Solvent Preswirling & Degassing System	Switzerland	Granted	0179349	1988/05/24			
3331	P0144A	Solvent Preswirling & Degassing System	Great Britain	Granted	0179349	1988/05/24			
6037E	P0280AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,541,452	1985/08/17			
3365	P0145AEP	Ionization Detectors For Gas Chromatography	Japan	Pending	3,053,832	2000/04/07			
3365	P0145AEP	Ionization Detectors For Gas Chromatography	Europe	Granted	0249714	1992/06/17			
3365	P0145AEP	Ionization Detectors For Gas Chromatography	France	Granted	0249714	1992/06/17			
3365	P0145ADE	Ionization Detectors For Gas Chromatography	Germany	Granted	P3778818.9	1992/06/17			
3365	P0145ANL	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Netherlands	Granted	0249714	1992/06/17			
3365	P0145AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Germany	Granted	2,007,782	2000/01/14			
3365	P0145AGB	Ionization Detectors For Gas Chromatography	Switzerland	Granted	2,574,288	1992/06/17			
3365	P0145A	Ionization Detectors For Gas Chromatography	Italy	Granted	0249714	1992/06/17			
3365	P0145AGB	Ionization Detectors For Gas Chromatography	Japan	Granted	0249714	1992/06/17			
3365	P0145AGB	Ionization Detectors For Gas Chromatography	Sweden	Granted	0249714	1992/06/17			
3365	P0145AGB	Ionization Detectors For Gas Chromatography	Great Britain	Granted	0249714	1992/06/17			
3365	P0145A	Ionization Detectors For Gas Chromatography	United States	Granted	4,873,862	1989/01/17			
4369	P0042AAU	Ionization Detectors For Gas Chromatography	Australia	Granted	707,363	1999/07/08			

3389	P0146AEF	Automatic Optimization Procedure	Europe	Granted	01922201	1992/07/28		1986/02/20
3388	P0146AAU	Automatic Optimization Procedure	Australia	Granted	586,853	1990/07/27		1986/02/20
3369	P0146ACA	Automatic Optimization Procedure	Canada	Granted	1,271,342	1990/07/10	530,841	1985/07/11
3368	P0146ADE	Automatic Optimization Procedure	Germany	Granted	3886175.8	1992/07/28		
3367	P0146ANL	Automatic Optimization Procedure	Netherlands	Granted	0192201	1992/07/28		
3366	P0146AAT	Automatic Optimization Procedure	Italy	Granted	0192201	1992/07/28		
3369	P0146AJP	Automatic Optimization Procedure	Japan	Granted	1,911,192	1995/02/09		1986/02/21
3369	P0146ACH	Automatic Optimization Procedure	Switzerland	Granted	0192201	1992/07/28		
3318	P0146A	Atomic Absorption Spectrometer	United States	Granted	4,689,754	1987/08/25	06/7/04,358	1985/02/21
3318	P0199AAU	Atomic Absorption Spectrometer	Australia	Granted	502,261	1990/03/16	60958/06	1986/08/07
3318	P0199AJP	Atomic Absorption Spectrometer	Japan	Granted	2,118,078	1986/12/06		
3518	P0199A	Atomic Absorption Spectrometer	United States	Granted	4,991,960	1991/02/12	06/29,3,706	1986/08/06
3522	P0200AJP	Gas Control Device For Controlling The Fuel Gas	Japan	Granted	2,016,023	1985/02/19	191787/06	1986/08/18
3377	P0147A	Around The Corner Adjustment Device	United States	Granted	4,726,654	1987/08/02	06/5/53,283	1986/04/17
3382	P0203A	Burner Assembly For Atomic Absorption Spectrometer	United States	Granted				
3377	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	07/6/16,123	1990/11/19
3408	P0262A	Electro-Optical Detector For A Scanning Mass Spectrometer	United States	Granted	4,917,493	1990/04/17	07/2/05,848	1988/08/13
3828	P0018A	Synchronization Of Digital Signals With Alternating Current	United States	Granted	4,961,207	1990/10/02	07/3/89,150	1990/08/02
4014	P0023A	Pumpjet Horizontal Mechanism For Use In Chromatography	United States	Granted	5,360,586	1990/11/01	07/5/04,926	1990/04/05
4037	P0031A	Single Element Thermal Conductivity Detector	United States	Granted	5,265,459	1993/11/20	07/7/48,548	1991/08/22
2695	P0025A	Circuit For Heating And Sealing With A Single Element	United States	Granted	5,098,198	1992/03/24	07/6/37,382	1991/01/04
2695	P0281AU	Optical Coupling Device	Australia	Granted	542,372	1985/02/21	76972/61	1991/10/20
2695	P0281ADE	Optical Coupling Device	Germany	Granted	317,693.27	1987/02/25	317,693.27	1997/02/25
4045	P0027A	Standardizing And Calibrating A Spectrometric Instrument	Switzerland	Granted	0351192	1987/02/25		
4317	P0041A	Hybrid Valving System For Varying Fluid Flow Rate	United States	Granted	5,303,165	1994/04/12	07/8/24,448	1992/02/12
4382	P0044A	Optical Spectrometer For Detecting Spectra In Separate Range	United States	Granted	5,328,985	1994/07/19	08/1/00,596	1993/07/20
4369	P0042A	Optical Spectrometer For Detecting Spectra In Separate Range	United States	Granted	5,465,903	1995/10/15	08/4/51,351	1995/05/26
4371	P0043B	Optical Spectrometer For Detecting Spectra In Separate Range	United States	Granted	5,464,157	1995/11/07	08/2/76,144	1994/07/18
4015	P0024C	Spin Sampling Microparticle Generator And Method	United States	Granted	5,452,069	1995/09/19	08/1/37,354	1993/10/15
3382	P0044E	3 Point Bending Measuring System	United States	Granted	5,177,530	1992/12/15	07/0/03,589	1991/12/03
3382	P0044E	Vial Locator And Sensor	Europe	Granted	0241940	1993/01/27	871057/12.1	1997/04/16
3382	P0044E	Integral Separation Capillary/Conductivity Detector	France	Granted	0241940	1993/01/27	871057/12.1	1997/04/16
3382	P0044E	Integral Separation Capillary/Conductivity Detector	Germany	Granted	0241940	1993/01/27	871057/12.1	1997/04/16
3382	P0044E	Integral Separation Capillary/Conductivity Detector	Netherlands	Granted	0241940	1993/01/27	871057/12.1	1997/04/16
3382	P0044E	Integral Separation Capillary/Conductivity Detector	Italy	Granted	0241940	1993/01/27	871057/12.1	1997/04/16
3382	P0044E	Integral Separation Capillary/Conductivity Detector	Japan	Granted	0241940	1993/01/27	871057/12.1	1997/04/16
3382	P0044E	Integral Separation Capillary/Conductivity Detector	Switzerland	Granted	0241940	1993/01/27	871057/12.1	1997/04/16
3382	P0044E	Integral Separation Capillary/Conductivity Detector	Great Britain	Granted	0241940	1993/01/27	871057/12.1	1997/04/16
3382	P0044E	Integral Separation Capillary/Conductivity Detector	United States	Granted	4,616,123	1988/03/28	07/0/51,804	1987/07/06
3401	P0268A	Method Of Fabricating Capillary Electro Separation Channels	United States	Granted	4,682,805	1987/07/28	06/8/30,163	1986/02/10
3433	P0267A	Grasping Fingert Position Sensor For A Robot System	United States	Granted	4,716,342	1987/12/29	06/8/04,948	1986/12/05
3435	P0268A	Power Circuit For Spectral Analysis Gaseous Discharge Lamps	United States	Granted	4,716,342	1987/12/29	06/8/04,948	1986/12/05
3436	P0269A	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,728,679	1988/02/23	06/8/55,145	1986/03/03
3471	P0270A	Fluorescence Translational Bearing	United States	Granted	4,694,811	1987/08/04	06/8/55,145	1986/03/03
3480	P0271A	System For Calibrating A Monochromator	United States	Granted	4,779,216	1988/10/16	06/8/57,434	1986/03/07
3480	P0271AEP	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,876,905	1989/10/24	07/2/81,374	1988/12/08
3480	P0271AOF	High Pressure Column Assembly For A Liquid Chromatograph	Europe	Granted	0326146	1995/02/10	89102/368.1	1989/02/10
3480	P0271AOFB	High Pressure Column Assembly For A Liquid Chromatograph	Germany	Granted	688924284.0	1995/09/20	89102/368.1	1989/02/10
3514	P0272A	High Pressure Column Assembly For A Liquid Chromatograph	Great Britain	Granted	0328146	1995/09/20	89102/368.1	1989/02/10
	P0273A	Programmable Lamp Plug	United States	Granted	4,670,813	1987/08/02	06/8/02,824	1986/11/29
	P0273AEP	Phase Angle Measurement	United States	Granted				
	P0273AFR	Phase Angle Measurement	Europe	Granted				
	P0273AOF	Phase Angle Measurement	France	Granted				
	P0273AOF	Phase Angle Measurement	Germany	Granted				
	P0273AIF	Phase Angle Measurement	Italy	Granted				

2515	P0273AGH	Phase Angle Measurement	Japan						
2515	P0273AGB	Phase Angle Measurement	Switzerland						
2515	P0267ADE	Phase Synchronization	Great Britain						
3048	P0109AEP	Chromatography Column	Germany						
3578	P0085A	Regulated Deuterium Arc Supply System	United States	Granted	0101982	1988/11/20	83107709	1983/08/04	
3936	P02680A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,742,276	1988/05/03	06888,536	1982/07/25	
3936	P02680A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,994,676	1991/10/21/9	07544,708	1991/06/25	
2956	P0276ADE	Variable Gain Amplifier	Korea	Granted	141,565				
2726	P0085AJP	Apparatus For Reducing Current Leakage From A Resistance	Germany	Granted	3307,697	1986/08/29	3307,697	1983/03/03	
2695	P0261AEP	Optical Coupling Device	Japan	Granted	1,569,343	1990/07/10	514268,62	1982/20/30/1	
2782	P0278AEP	Fluorometer System With Synchronous Check For Generation Of TI	Europe	Granted	0051152	1987/02/25	81107,860	1981/10/02	
2831	P0088AEP	Optical Beam Splitter	Europe	Granted	00596136	1987/09/09	81110555	1981/12/17	
2873	P0088AEP	Apparatus Useful With A Chromatography Column	Europe	Granted	00596936	1985/08/21	82100844,3	1982/01/28	
2989	P0103AEP	Spectrophotometer	Europe	Granted	00075689	1986/10/15	821009509	1982/07/19	
3007	P0106AEP	Liquid Level Sensor	Europe	Granted	00075688	1987/01/07	83100499,8	1983/01/20	
3111	P0114AEP	Sample Cell Temperature Stabilizer	Europe	Granted	0129120	1988/08/17	84106228,4	1984/05/30	
3331	P0144AEP	Pulse Dampener	Europe	Granted	0154792	1990/04/23	85100947,2	1985/01/30	
2730	P0278AEP	Solvent Pressurizing & Degasing System	Europe	Granted	0156132	1988/10/05	85101252,5	1985/02/08	
4056	P0034A	Multi-port Valve In Gas Collection System And Method	Europe	Granted	01789349	1989/05/24	85112742	1985/10/08	
4317	P0034A	Photometric Instrument With Optical Fibers For Analyzing	Europe	Granted	0185926	1992/09/30	85114718,1	1985/11/19	
4432	P0031B	Hybrid Vending System For Varying Fluid Flow Rate	United States	Granted	5,428,696	1995/06/27	081092,162	1983/07/15	
4433	P0032A	Thermal Insulating Container For Liquefied Gas	Australia	Granted	692,773	1990/05/01	881795164	1984/07/28	
4434	P0033A	Thermal Insulating Container For Liquefied Gas	United States	Granted	5,565,691	1991/8/12	081724,432	1986/10/01	
4471	P0082A	Connecting Apparatus For Conveyance Of Organic Fluid	United States	Granted	5,762,381	1990/06/08	081569,535	1985/12/08	
4012	P0281ADE	Fluid Conveying Device With Removable Connection	United States	Granted	5,716,082	1992/02/10	08155,975	1985/09/07	
3628	P0284AEP	Haunting Apparatus For Inducton Coupled Plasma Torch	United States	Granted	5,925,266	1991/01/15	081950,715	1987/10/15	
3703	P0286AEP	Analysis Of Organic Material	Germany	Granted	4135021	1991/07/20	P4135021,9	1991/10/23	
3638	P0286AEP	Thermal Conductivity Detector	Europe	Granted	0280335	1995/07/26	88102840,9	1988/02/26	
3637	P0287AEP	Inductively Coupled Plasma Torch With Sample Injector	Europe	Granted	0281986	1994/02/02	88103403,4	1988/03/04	
3694	P0288AEP	Power System For Inductively Coupled Plasma Torch	Europe	Granted	0281158	1994/01/12	88103413,6	1988/03/04	
	P0290ADE	Chromatography Column	Europe	Granted	0281922	1994/05/29	88103403,7	1988/03/04	
	P0291AEP	Chromatography Column	Germany	Granted	293881	1993/03/10	88105748,3	1988/04/11	
	P0292ADE	Chromatography Column	France	Granted	7126944	1990/10/17	3219687	1988/11/18	
4589	P0296AEP	Computer Operated Spectrometric Instrument	Germany	Granted	38540755	1972/03/06	7126944	1971/07/13	
4511	P0297AEP	Low Frequency Signal Processing Circuitry	Europe	Published			38540755,9	1995/10/08	
3809	P0300AEP	Monochromator Drift Compensation	Europe	Granted	0334303	1994/07/20	89108264,5	1992/04/27	
3772	P0301AEP	Standardization Of Spectral Lines	Europe	Granted	0344783	1994/03/02	89109946,3	1989/03/21	
	P0302AEP	Standardization Of Spectral Lines	Europe	Granted	0344782	1993/10/27	89109947,5	1989/06/01	
	P0303AEP	Standardization Of Spectral Lines	Europe	Granted					
	P0304AEP	Standardization Of Spectral Lines	Europe	Granted					
4088	P0307AEP	Method And Apparatus For Comparing Spectra	Europe	Granted	0535700	1987/03/26	92118913,2	1992/10/02	
4073	P0308AEP	Apparatus For Differential Analysis Of Sample Dielectric Pro	Europe	Granted	0558972	1993/09/08	93102158,7	1993/02/11	
4511	P0069B	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Pending			09705,248	1989/08/28	
4592	P0074B	Monitoring Constituents Of An Animal Organ Using Radiation	United States	Pending			09705,242	1989/08/28	
4063	P0078AJP	Method Of Manufacturing Glass Beads	Japan	Granted	5,266,821		331289162	1982/11/18	
4498	P0067B	Method Of Manufacturing Glass Beads	United States	Granted	5,933,357	1999/08/03	080851,709	1997/05/06	
3913	P0317AJP	Backwashing System For Gas Chromatography	Japan	Pending			01-508578	1988/07/27	
4113	P0318AJP	Backwashing System For Gas Chromatography	Japan	Pending			01-508455	1988/07/27	
2730	P0278ADE	Multi-port Valve In Gas Collection System And Method	Japan	Pending			05-263036	1993/09/28	
3684	P0288ADE	Chromatography Column	Germany	Granted	P3366715,9	1992/09/30	85114718,1	1985/11/19	
3772	P0301ADE	Standardization Of Spectral Lines	Germany	Granted	P4878970,1	1993/03/10	88105748,3	1988/04/11	
2745	P0320ADE	Standardization Of Spectral Lines	Germany	Granted	P68910188,0	1993/10/27	89109947,5	1989/06/01	
3514	P0272ADE	Standardization Of Spectral Lines	Germany	Granted	3175277		3175277	1986/09/03	
				Granted	3662749		3662749	1991/12/04	

3634	P0286A0E	Inductively Coupled Plasma Torch With Sample Injector	Germany	Granted	P3488862.4	1994/01/12	88103413.6	1988/02/04
3103	P0285A0E	Thermal Conductivity Detector	Germany	Granted	P3198754.1.1	1994/02/02	861102409.4	1988/02/04
3609	P0300A0E	Monochromator Drift Compensation	Germany	Granted	P6010356.6	1994/03/02	861089818.3	1988/06/01
3637	P0287A0E	Power System For Inductively Coupled Plasma Torch	Germany	Granted	P3830422.7	1994/05/28	86103403.7	1988/03/04
3527	P0291A0E	Low Frequency Signal Processing Circuitry	Germany	Granted	P58916624.1	1994/07/20	85105084.3	1988/03/21
3536	P0291A0E	Detector Cell For Spectrophotometer Used In Liquid Chromatography	Germany	Granted	P58925389	1995/07/12	851052263.1	1988/03/23
4088	P0007A0E	Method And Apparatus For Comparing Spectra	Germany	Granted	P59218536.4	1997/03/28	82118813.2	1982/10/02
4073	P0084A0E	Apparatus For Differential Analysis Of Sample Dielectric Properties	Germany	Granted	P3854208.9	1995/01/26	88102840.9	1988/02/26
3628	P0329A	Zone-Dilution Split Injector Unit For Gas Chromatography	United States	Pending				
4637	P0329A	Monitoring Constants Of An Animal Organ Using Statistical Hybrid Fm Type Sensor	United States	Pending				
4606	P0329A	Hybrid Fm Type Sensor	United States	Pending				
4607	P0329A	Endocore For Analytical Instrumentation	United States	Pending				
4601	P0330A	Detection Of Low Level Analytes In Samples Using Agglutinated Monochromator Drift Compensation	United States	Granted	D412.991	1999/08/17	281064.998	1997/01/16
3809	P0300A0A	Monochromator Drift Compensation	Australia	Granted	5.942.442	1998/08/24	08/31.205	1997/04/02
3009	P0300A0A	Monochromator Drift Compensation	United States	Granted	612.047	1991/07/18	35814/68	1988/06/01
3928	P0018A0E	Circuit For Synchronizing Digital Signals With Alternating Current	Germany	Granted	4.916.645	1990/04/10	07/201.250	1988/08/02
4015	P0024A0E	Vial Locator And Sensor	Germany	Granted	P69109706.9	1995/05/17	91102281.2	1991/02/18
4015	P0024A0E	Vial Locator And Sensor	Europe	Granted	04444.98	1995/05/17	91102281.2	1991/02/18
4015	P0024A0E	Vial Locator And Sensor	Australia	Granted	640.453	1993/04/26	71839181	1991/02/21
4070	P0031A0E	Single Element Thermal Conductivity Detector	Germany	Granted	0528295	1998/08/02	92112375.8	1992/07/20
4073	P0031A0E	Simple Element Thermal Conductivity Detector	Germany	Granted	69228633.2	1998/08/02	92112375.8	1992/07/20
4073	P0031A0E	Apparatus For Differential Analysis Of Sample Dielectric Properties	United States	Granted	5.309.110	1994/05/02	07/854.594	1992/03/04
2730	P0278A0G	Detector Cell For Liquid Chromatography	Great Britain	Granted	0185826	1992/08/30	83114718.1	1985/11/19
3536	P0288A0G	3 Point Bonding Measuring System	Great Britain	Granted	0135288	1995/07/12	85105283.1	1989/03/23
3994	P0021A0G	Standardizing And Calibrating A Spectrometric Instrument	Great Britain	Granted	0428010	1994/06/01	80120859.5	1990/10/21
4015	P0027A0G	Standardizing And Calibrating A Spectrometric Instrument	Great Britain	Granted	0444498	1995/05/17	91102281.2	1991/02/18
4046	P0028A0G	Photodetector Amplifier Linearity	Great Britain	Granted	0560006	1997/12/10	93100106.9	1993/03/07
4063	P0029A0G	Method Of Manufacturing Glass Beads	Great Britain	Granted	0352804	1997/04/09	93100102.8	1993/03/07
4073	P0030A0G	Apparatus For Differential Analysis Of Sample Dielectric Properties	Great Britain	Granted	2.261.859	1995/06/28	9223598.3	1992/11/11
4076	P0030A0G	Absorbance Correction In Atomic Absorption Spectroscopy	Great Britain	Granted	2.262.180	1995/07/12	9223548.0	1992/11/10
4081	P0030A0G	Method For Heating A Thermionic Detector Source	Great Britain	Granted	2.261.534	1995/12/06	9223598.5	1992/11/11
2966	P0276A0B	Variable Gain Amplifier	Great Britain	Granted	2.116.760	1986/01/28	8303866.5	1983/02/10
4056	P0031A0B	Double Beam Detector System For Liquid Chromatography	Great Britain	Granted	0328541	1996/04/17	92114531.9	1992/04/21
4006	P0034A0E	Photometric Instrument With Optical Fibers For Analyzing	Germany	Pending				
	P0333A	Method For Processing A Sample	United States	Allowed				
	P0333ANL	Method For Processing A Sample	The Netherlands	Allowed				
	P0333AWD	Method For Processing A Sample	The Netherlands	Pending				
4482	P0328A0A	Detection Of Low Level Hydrophobic Analytes In Samples	Canada	Published	PC1			
4482	P0328A0A	Detection Of Low Level Hydrophobic Analytes In Samples	Canada	Published	2.245.282			
4482	P0326A0E	Detection Of Low Level Hydrophobic Analytes In Samples	Europe	Published	93914440.7			
4482	P0326A0E	Detection Of Low Level Hydrophobic Analytes In Samples	Japan	Published	10.542004			
4482	P0326A0E	Detection Of Low Level Hydrophobic Analytes In Samples	Australia	Published	6579659.8			
4501	P0310A0A	Detection Of Low Level Analytes In Samples Using Agglutinated	Canada	Pending	2.265.219			
4501	P0310A0E	Detection Of Low Level Analytes In Samples Using Agglutinated	Europe	Published	918114435.7			
4501	P0310A0A	Detection Of Low Level Analytes In Samples Using Agglutinated	Australia	Published	6579659.8			
4501	P0310A0E	Detection Of Low Level Analytes In Samples Using Agglutinated	Japan	Pending	10.541939			
4501	P0310A0A	Detection Of Low Level Analytes In Samples Using Agglutinated	Europe	Pending	97900400.1			
4482	P0326A	Detection Of Low Level Hydrophobic Analytes In Samples	United States	Granted	5.891.740	1999/04/06	08/432.166	1997/04/02
3729	P0335A	Detector For A Spectrometer	United States	Granted	168904/11	1999/04/11	071231025	1997/11/19
4006	P0034BGB	Photometric Instrument With Optical Fibers For Analyzing	Great Britain	Granted	4.820.048			
4589	P0296A	Computer Operated Spectrometric Instrument	United States	Granted	2.312.044	1994/01/21	9714780.5	1997/04/21
	P0337A	Method And Apparatus For Laser Spectral Compensation	United States	Allowed				
5002	P0336A	Method And Apparatus For Impurity Detection	United States	Pending				

4088	P0307AJP	Method And Apparatus For Comparing Spectra	Japan	Granted	5-209328	1993/08/20	4-287034	1992/10/02
4501	P0330B	Detection Of Low Level Analytes In Samples Using Agglutinant Spectroscopic Determination Of The Dissociation Constants	United States	Pending			09/288,513	1989/03/12
4649	P0339A	Not-Immunoassay Determination Of Protein-Ligand Interaction	United States	To File				
3108	P0262AAU	Electrochemical Amelioration Furnace For Spectroscopy	Australia	Granted	694,940	1980/07/05	1617598	1980/06/20
4010	P0341A	Optical Switching Device	United States	Granted	5,055,886	1991/10/15	07/603,582	1989/02/25
4086	P0034B	Method Of Manufacturing Glass Beads	United States	Granted	5,198,008	1993/03/20	07/788,487	1989/11/22
3527	P0297A	Photometric Instrument With Optical Filters For Analyzing Phase Angle Measurement	United States	Granted	5,526,451	1988/06/11	08/324,660	1984/10/16
3527	P0297A	Phase Angle Measurement	United States	Granted	4,985,683	1991/01/15	07/173,201	1980/02/24
3527	P0297A	Phase Angle Measurement	France	Granted	0334303	1989/07/20	89105064.3	1989/03/21
3527	P0297A	Phase Angle Measurement	Italy	Granted	0334303	1988/03/21	89105064.3	1989/03/21
3527	P0297AJP	Phase Angle Measurement	Japan	Granted	1,316,831	1989/12/21	73716/68	1989/04/24
3527	P0297AJP	Phase Angle Measurement	Switzerland	Granted	0334303	1994/07/20	89105064.3	1989/03/21
3527	P0297AJP	Phase Angle Measurement	Switzerland	Granted	0334303	1994/07/20	89105064.3	1989/03/21
3602	P0018AEP	Line Frequency Staved Voltage-To-Frequency Converter System	United States	Granted	4,989,573	1989/09/19	07/119,594	1987/11/12
3602	P0018AEP	Line Frequency Staved Voltage-To-Frequency Converter System	Europe	Granted	0286682	1993/07/14	87115917.4	1987/10/29
3602	P0018AEP	Line Frequency Staved Voltage-To-Frequency Converter System	France	Granted	0286682	1993/07/14	87115917.4	1987/10/29
3602	P0018AEP	Line Frequency Staved Voltage-To-Frequency Converter System	Germany	Granted	P3/663522.6	1993/07/14	87115917.4	1987/10/29
3602	P0018AEP	Line Frequency Staved Voltage-To-Frequency Converter System	Netherlands	Granted	0286682	1993/07/14	87115917.4	1987/10/29
3602	P0018AEP	Line Frequency Staved Voltage-To-Frequency Converter System	Switzerland	Granted	0286682	1993/07/14	87115917.4	1987/10/29
3602	P0018AEP	Line Frequency Staved Voltage-To-Frequency Converter System	Switzerland	Granted	0286682	1993/07/14	87115917.4	1987/10/29
3628	P0284A	Analyte Of Organic Material	United States	Granted	4,795,614	1988/01/05	07/019,905	1987/02/27
3628	P0284A	Analyte Of Organic Material	United States	Granted	5,044,860	1991/09/03	07/178,713	1988/04/07
3628	P0284A	Analyte Of Organic Material	United States	Granted	5,013,628	1991/05/07	07/218,721	1988/07/13
3628	P0284A	Analyte Of Organic Material	United States	Granted	0280335	1993/07/26	88103490.0	1988/02/26
3628	P0284A	Analyte Of Organic Material	Japan	Granted	2,683,011	1987/08/08	42/38/68	1988/02/26
3628	P0284A	Analyte Of Organic Material	Japan	Pending	2,710,624	1987/12/19	5619/97	1997/01/16
3628	P0284A	Analyte Of Organic Material	Great Britain	Granted	0280335	1989/07/26	88102940.0	1987/01/16
3628	P0284A	Analyte Of Organic Material	United States	Granted	4,818,916	1987/03/06	07/022,658	1987/03/06
3637	P0287A	Power System For Industrially Coupled Plasma Torch	France	Granted	8221157	1994/06/29	88103407.7	1988/03/04
3637	P0287A	Power System For Industrially Coupled Plasma Torch	Japan	Granted	2,708,447	1997/10/17	51794/08	1988/03/04
3637	P0287A	Power System For Industrially Coupled Plasma Torch	Great Britain	Granted	0281157	1994/06/29	88103403.7	1988/03/04
3637	P0287A	Power System For Industrially Coupled Plasma Torch	United States	Granted	4,766,287	1988/08/23	07/022,910	1987/03/06
3637	P0287A	Power System For Industrially Coupled Plasma Torch	France	Granted	0281158	1994/01/12	88103413.6	1988/03/04
3637	P0287A	Power System For Industrially Coupled Plasma Torch	Japan	Granted	2,758,165	1994/01/12	88103413.6	1988/03/04
3637	P0287A	Power System For Industrially Coupled Plasma Torch	Great Britain	Granted	0281158	1994/01/12	88103413.6	1988/03/04
3637	P0287A	Power System For Industrially Coupled Plasma Torch	United States	Granted	4,872,979	1999/10/10	07/041,654	1987/04/22
3638	P0288A	Chromatography Column	Australia	Granted	598,926	1986/04/22	13/092/88	1988/04/22
3638	P0288A	Chromatography Column	France	Granted	0287922	1993/03/10	88105748.3	1988/04/11
3638	P0288A	Chromatography Column	Italy	Granted	0287922	1993/03/10	88105748.3	1988/04/11
3638	P0288A	Chromatography Column	Japan	Granted	2,644,269	1997/05/02	96977/68	1988/04/21
3638	P0288A	Chromatography Column	Great Britain	Granted	0287922	1993/03/10	88105748.3	1988/04/11
3638	P0288A	Chromatography Column	United States	Granted	4,935,163	1991/02/26	07/289,676	1989/02/25
3638	P0288A	Chromatography Column	United States	Granted	4,813,267	1989/03/21	07/022,147	1987/03/05
3638	P0288A	Chromatography Column	France	Granted	0281986	1994/02/02	88103409.4	1988/03/04
3638	P0288A	Chromatography Column	Great Britain	Granted	2,683,012	1997/08/08	88103409.4	1988/03/04
3638	P0288A	Chromatography Column	Europe	Granted	0281986	1994/02/02	88103409.4	1988/03/04
3638	P0288A	Chromatography Column	Europe	Granted	0316802	1994/02/02	88103409.4	1988/03/04
3638	P0288A	Chromatography Column	Australia	Granted	625,233	1992/10/26	25889/68	1988/11/11
3638	P0288A	Chromatography Column	Canada	Granted	1,321,899	1983/09/07	581,289	1988/11/18
3638	P0288A	Chromatography Column	France	Granted	0316802	1994/04/06	88110828.8	1988/10/26
3638	P0288A	Chromatography Column	Germany	Granted	P3848825.0	1994/04/06	88110828.8	1988/11/11
3638	P0288A	Chromatography Column	Italy	Granted	0316802	1994/04/06	88110828.8	1988/11/11
3638	P0288A	Chromatography Column	Japan	Granted	2,760,818	1994/03/20	28033/88	1988/11/18
3638	P0288A	Chromatography Column	Great Britain	Granted	0316802	1994/04/06	88110828.8	1988/11/11

5035A	P0053AUF	Fluid Conveying Device With Removable Connection	Italy	Pending				
	P0053AUF	Fluid Conveying Device With Removable Connection	France	Pending				
	P0053ADE	Fluid Conveying Device With Removable Connection	Germany	Pending				
	P0053ACH	Fluid Conveying Device With Removable Connection	Switzerland	Pending				
4484	P0065AWO	Self Aligning Optical Fiber Terminator	PCT	Pending				
	P0357A	Non-Contacting Method of Cleaning Surfaces	United States	Granted	4,826,024	1990/08/11	PCT/US90/09687	2000/04/01
	P0372ACA	Non-Contacting Method of Cleaning Surfaces	Canada	Granted	1,315,823	1992/04/13		1995/04/07
	P0357AEP	Non-Contacting Method of Cleaning Surfaces	Europe	Granted	0324,435	1989/07/19		1995/01/10
	P0357ADP	Non-Contacting Method of Cleaning Surfaces	Japan	Granted	1,225,125	1989/08/08		1995/01/11
3548	P0358A	Scanning Array Spectrophotometer	Germany	Granted	6890,9422	1992/11/04		1995/01/10
	P0359A	Method and Apparatus For Reactionless Rotation	United States	Granted	4,799,464	1993/01/17		1995/03/12
4368	P0042ADE	Nebulizer	United States	Granted	5,131,611	1992/07/21		1991/04/26
4368	P0042AGB	Nebulizer	Germany	Granted	683,320			
4369	P0042ANL	Nebulizer	United Kingdom	Granted	683,320			
	P0333AAU	Method For Processing A Sample	Netherlands	Granted	683,320			
4070	P0031AIT	Single Element Thermal Conductivity Detector	Italy	Granted	0528,285	1991/09/02		1992/07/20
3480	P0271AJP	High Pressure Column Assembly For A Liquid Chromatograph	Japan	Granted	2,678,979			
	P0380A	Microchromatograph Apparatus	United States	Granted	4,952,958	1990/08/28		1995/05/18
	P0360AJP	Microchromatograph Apparatus	Europe	Granted	0342,639	1988/11/23		1993/05/17
	P0360ACA	Microchromatograph Apparatus	Japan	Granted	2,035,709	1990/02/06		1995/05/18
	P0360ADE	Microchromatograph Apparatus	Canada	Granted	1,304,173	1992/06/23		1995/05/15
5007	P0350ADE	Microchromatograph Apparatus	Germany	Granted	6892,5233	1995/02/06		1999/05/17
5005	P0351A	Design Of A Device For Sampling A Surface To Collect	United States	To File				
5004	P0352A	Polymeric Carrier For Reagents	United States	To File				
	P0363A	Low Cost Internal Calibration Standard	United States	To File				
	P0364A	Dual Photodiode Correction Of Background For Bioluminescence	United States	To File				
3516	P0199AGB	Atomic Absorption Spectrometer	Great Britain	Granted	2,180,064			
3522	P0200ADE	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	9387,0372,9			
6014	P0365A	Conductive Coating To Eliminate Charge Effects And Reduce	United States	To File				
5011	P0365A	Semi-Check Switch And Switching Technique	United States	To File				
5013	P0367A	Dual Photodiode Correction Of Background For Bioluminescence	United States	To File				
6012	P0368A	Semi-Check Detection Of Inhibitory Components	United States	To File				
4137	P0039ADE	Grouping Of Spectral Bands For Data Acquisition	Germany	Pending				
3526	P0201AGB	Device For Igniting A Flame In An Atomic Absorption Ectromet	Great Britain	Granted	2,180,328	1987/03/25		1996/08/10
3528	P0201ADE	Device For Igniting A Flame In An Atomic Absorption Ectromet	Germany	Granted	P3532,537,2	1987/03/19		1995/09/12
3522	P0200BDE	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	35,295,47,3			1995/08/17
4488	P0371A	Method For Measuring Absolute Value Of Thermal Conductivity	United States	Pending				
4489	P0372A	Method Of Detecting Organisms In A Sample	United States	Granted	5,902,722	1991/05/11		2000/06/08
4489	P0372AWO	Method Of Detecting Organisms In A Sample	United States	Pending				1997/12/05
5018	P0377A	RH Compensation By Nitron Coatings Of Electrochemical	United States	To File				
5020	P0377A	Planar Electrochemical Gas Sensor	United States	To File				
5021	P0378A	Electrochemical Gas Sensor With Miniaturized Flow Channels	United States	To File				
5022	P0379A	Catalytic-Free Electrochemical Sensor	United States	To File				
	P0380A	Electrochemical Sensor With Dry Nitron	United States	To File				
5024	P0381A	Integrated Electrochemical Gas Generator	United States	To File				
5025	P0382A	Prevention Of Flooding In Thick-Film Electrochemical Sensors	United States	To File				
5026	P0383A	RH Compensation For Electrochemical Sensors With Different	United States	To File				