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PATENT  
03141-P0135A WWW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignor:	Perkin-Elmer Corporation
Assignee:	Perkin Elmer LLC
Patent No. <u>4,568,267</u>	Issue Date: February 4, 1986
Title of Application:	Safety Apparatus for an Atomic Absorption Spectrophotometer Burner

Box Assignment  
Assistant Commissioner for Patents  
Washington, DC 20231

**Assignment Recordation Form Cover Sheet**

Dear Sir:

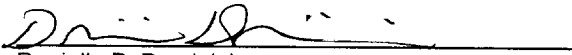
Please record the attached original document.

1. Name of conveying party(ies). Perkin-Elmer Corporation.
2. Name and Address of Receiving Party. Perkin Elmer LLC; a Delaware Limited Liability Company, located at 761 Main Avenue (M/S 317); Norwalk, CT 06859-0119.
3. Nature of Conveyance: Assignment. Execution Date: July 18, 2000
4. Name and Address of Party to Whom Correspondence Concerning Document should be mailed.

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

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

August 31, 2000

  
Danielle B. Dominici

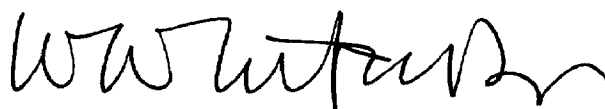
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5. Patent Number: 4,568,267.
6. Total Number of Patents Involved: 1.
7. Total Fee (37 CFR 3.41). \$40.00 due. A check for this amount is enclosed.
8. Authorization to Charge Deposit Account. The Commissioner is hereby authorized to charge any additional fees due by this paper and during the entire pendency of this Application to Account No. 19-4516.
9. Statement and Signature. Total number of pages including cover sheet, attachments and document are 16. To the best of my knowledge and belief, the foregoing information is true and correct.

Respectfully submitted,



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


CONFIRMATORY ASSIGNMENT

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

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

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

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

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 





4472	P0083A	Ion Detector, Detector Array And Instrument Using Same	United States	Pending		09/18/00	167	1998/11/03
4493	P0083B	Tunable External Cavity Diode Laser	United States	Pending	0085171	1988/06/13	08/23/00	499
2714	P0083AEF	Solvent Delivery System	Europe	Granted	0085171	1988/06/13	02/11/17	3
2714	P0083ADE	Solvent Delivery System	France	Granted	0085171	1988/06/13	02/11/17	3
2714	P0083AANL	Solvent Delivery System	Germany	Granted	P3276327.2	1988/06/13	02/11/17	3
2714	P0083AAT	Solvent Delivery System	Netherlands	Granted	0085171	1988/06/13	02/11/17	3
2714	P0083AJP	Solvent Delivery System	Japan	Granted	0085171	1988/06/13	02/11/17	3
2714	P0083ASE	Solvent Delivery System	Sweden	Granted	1.754.707	1988/06/13	18/02/28	
2714	P0083ACH	Solvent Delivery System	Switzerland	Granted	0085171	1988/06/13	02/11/17	3
2714	P0083ACB	Solvent Delivery System	Great Britain	Granted	0085171	1988/06/13	02/11/17	3
2765	P0086AFR	Spectrophotometer Gas Control System	France	Granted	4.556.367	1988/12/03	06/63/2	758
2766	P0087ACB	Fluid Flow Control Device	Great Britain	Granted	0085204	1987/09/16		
2851	P0088ADE	Optical Beam Splitter	Germany	Granted	2.085.614	1984/10/29	0125893.1	1981/08/25
2851	P0088AJP	Optical Beam Splitter	Japan	Granted	P3265483.6	1985/08/21	82100848.3	1982/01/29
2851	P0088AGB	Optical Beam Splitter	Switzerland	Granted	1.702.016	1983/10/14	34116/62	1982/03/02
2851	P0088AACH	Optical Beam Splitter	Switzerland	Granted	0059836	1985/08/21	82100648.3	1982/01/29
2851	P0088AAGB	Optical Beam Splitter	Great Britain	Granted	0059836	1985/08/21	82100648.3	1982/01/29
2851	P0089AAE	Optical Beam Splitter	United States	Granted	4.487.477	1984/12/11	06/47/0.427	1983/02/28
2873	P0089AADE	Apparatus Useful With A Chromatography Column	Germany	Granted	P3273842.0	1986/10/15	821006508.1	1982/07/17
2873	P0089AACH	Apparatus Useful With A Chromatography Column	Switzerland	Granted	0076689	1986/10/15	821006509.1	1982/07/19
2873	P0089AAGB	Apparatus Useful With A Chromatography Column	Great Britain	Granted	0076689	1986/10/15	821006509.1	1982/07/19
2772	P0100AAE	Apparatus And Method Useful For Analyzing Refractory Substn	Germany	Granted	3203580	1993/05/13	3205580	1982/02/17
2772	P0100AAJ	Apparatus Useful For Analyzing Refractory Substances	Japan	Granted	1.676.561	1982/06/26	22182/82	1982/02/19
2780	P0101AA	Apparatus Useful For Postioning A Light Filter	United States	Granted	4.400.354	1983/08/23	06/235.781	1981/02/16
2876	P0102AEP	Control Circuit For Liquid Chromatograph	United States	Granted	4.419.575	1983/12/06	06/269.305	1981/06/02
2876	P0102AER	Control Circuit For Liquid Chromatograph	Europe	Granted	0085172	1987/11/11	82111720.7	1987/12/17
2876	P0102AEF	Control Circuit For Liquid Chromatograph	France	Granted	0085172	1987/11/11	82111720.7	1987/12/17
2876	P0102ADE	Control Circuit For Liquid Chromatograph	Germany	Granted	P3277648.9	1987/11/11	82111720.7	1987/12/17
2876	P0102AJ	Control Circuit For Liquid Chromatograph	Italy	Granted	0085172	1987/11/11	82111720.7	1987/12/17
2876	P0102ASE	Control Circuit For Liquid Chromatograph	Sweden	Granted	1.755.762	1983/04/23	10685/63	1983/01/27
2876	P0102ACH	Control Circuit For Liquid Chromatograph	Switzerland	Granted	0085172	1987/11/11	82111720.7	1987/12/17
2876	P0102ACB	Control Circuit For Liquid Chromatograph	Great Britain	Granted	0085172	1987/11/11	82111720.7	1987/12/17
2876	P0102A	Control Circuit For Liquid Chromatograph	United States	Granted	4.450.574	1984/05/22	081343.805	1982/01/29
2876	P0103AFR	Spectrophotometer	France	Granted	0087588	1987/03/07	83100499.9	1983/01/29
2876	P0103ADE	Spectrophotometer	Germany	Granted	P3368984.9	1987/03/07	83100499.9	1983/01/29
2876	P0103AAGB	Spectrophotometer	Great Britain	Granted	0087588	1987/03/07	83100499.9	1983/01/29
2876	P0103A	Spectrophotometer	United States	Granted	0087588	1987/03/07	83100499.9	1983/01/29
2876	P0104AFR	Liquid Level Sensor	France	Granted	0129120	1988/09/17	84106728.4	1984/05/30
2876	P0104ADE	Liquid Level Sensor	Germany	Granted	P3473509.7	1988/09/17	84106728.4	1984/05/30
2876	P0104ACH	Liquid Level Sensor	Switzerland	Granted	0129120	1988/09/17	84106728.4	1984/05/30
2876	P0104ACB	Liquid Level Sensor	Great Britain	Granted	0129120	1988/09/17	84106728.4	1984/05/30
2876	P0104A	Liquid Level Sensor	United States	Granted	4.532.788	1988/09/17	84106728.4	1984/05/30
2891	P0105A	Control Circuit For Stepper Motor	United States	Granted	4.417.189	1988/09/06	081506.232	1983/06/17
3007	P0106ADE	L.C. Sample Cell	Germany	Granted	3572537.0	1983/11/22	061344.247	1982/01/29
3007	P0106AJP	L.C. Sample Cell	Japan	Granted	1.928.835	1983/05/12	18814/85	1981/08/23
3007	P0106ASE	Sample Cell Temperature Stabilizer	Sweden	Granted	0154792	1989/02/23	85100847.2	1985/11/30
3007	P0106ACH	Sample Cell Temperature Stabilizer	Switzerland	Granted	0154792	1989/02/23	85100847.2	1985/11/30
3007	P0106ACB	L.C. Sample Cell	Great Britain	Granted	0154792	1989/02/23	85100847.2	1985/11/30
3007	P0106A	Sample Cell Temperature Stabilizer	United States	Granted	4.598.765	1986/07/08	065576.585	1984/02/03
3048	P0109AAU	Fumeon Positioning Mechanism	Australia	Granted	561.564	1987/05/14	1844/83	1983/08/24
3048	P0109ADE	Fumeon Positioning Mechanism	Germany	Granted	P3378594.5	1988/11/20	83107709.4	1983/08/24
3048	P0109AAT	Thin Drem Soda Glass Coated To Protect From Contact	Italy	Granted	0101982	1988/11/20	83107709.4	1983/08/24
3048	P0109AAGB	The Use Of Thin Drem Soda Glass Appropriately Coated To	Great Britain	Granted	0101982	1988/11/20	83107709.4	1983/08/24
3061	P0110AEP	Ship Motor Assembly	Europe	Granted	0133226	1988/03/30	84108028.6	1984/7/79

3061	P0110ABE	Sip Clutch Assembly	Belgium	Granted	0,133,226	1980/03/30	84109026.6	1984/7/9
3061	P0110AFR	Sip Clutch Assembly	France	Granted	0133226	1980/03/30	84108026.6	1984/7/9
3061	P0110ADE	Clutch Mechanism	Germany	Granted	3470199.0	1980/03/30	84108026.6	1984/7/9
3061	P0110ANI	Sip Clutch Assembly	Netherlands	Granted	0133226	1980/03/30	84109026.6	1984/7/9
3061	P0110AIT	Sip Clutch Assembly	Italy	Granted	0133226	1980/03/30	84108026.6	1984/7/9
3061	P0110ACH	Sip Clutch Assembly	Switzerland	Granted	0133226	1980/03/30	84109026.6	1984/7/9
3061	P0110A	Sip Clutch Assembly	United States	Granted	4,560,950	1983/7/224	06/517,090	1983/07/25
3076	P0111AEP	Spectrophotometer	Europe	Granted	0,135,761	1991/05/05	84109506.0	1984/08/09
3076	P0111ABE	Spectrophotometer	Belgium	Granted	0,135,761	1991/05/05	84109506.0	1984/08/09
3076	P0111AFR	Spectrophotometer	France	Granted	0,135,761	1991/05/05	84109506.0	1984/08/09
3076	P0111ADE	Optical Design Of Fourier Transform Spectrophotometer	Germany	Granted	P3484466.8	1991/05/05	84109506.0	1984/08/09
3076	P0111ANI	Spectrophotometer	Netherlands	Granted	0135761	1991/05/05	84109506.0	1984/08/09
3076	P0111AIT	Spectrophotometer	Italy	Granted	0135761	1991/05/05	84109506.0	1984/08/09
3076	P0111AJP	Optical Design Of Fourier Transform Spectrophotometer	Japan	Granted	1,800,723	1993/7/112		
3076	P0111ACH	Spectrophotometer	Switzerland	Granted	0135761	1991/05/05	84109506.0	1984/08/09
3076	P0111AGB	Spectrophotometer	Great Britain	Granted	0135761	1991/05/05	84109506.0	1984/08/09
3076	P0111A	Spectrophotometer	United States	Granted	4,740,082	1988/04/25	08/058,655	1986/04/24
3101	P0111A	Solvent Pressurizing System	United States	Granted	4,448,684	1984/05/15	06/161,789	1984/07/28
3109	P0111A	Liquid Chromatography Controller	United States	Granted	4,618,935	1980/10/21	06/588,765	1984/07/06
3111	P0114ADE	RTV Pulse Damper	United States	Granted	4,548,713	1985/10/22	06/585,664	1984/03/02
3111	P0114AJ	RTV Pulse Damper	Germany	Granted	3585428.5	1988/1/0/05	3585429	1988/10/03
3111	P0114AH	Pulse Damper	Japan	Granted				
3111	P0114AGB	Pulse Damper	Sweden	Granted	0156132	1988/1/0/05	85101262.8	1985/02/06
3111	P0114ACH	Pulse Damper	Switzerland	Granted	0156132	1988/1/0/05	85101262.8	1985/02/06
3139	P0118AAU	Holder Assembly For Reaction Tubes	Great Britain	Granted	0156132	1988/1/0/05	85101262.8	1985/02/06
3139	P0118AAU	Holder Assembly For Reaction Tubes	Australia	Granted	706,769	1989/04/24	32891795	1993/09/27
3139	P0118AAU	Holder Assembly For Reaction Tubes	Australia	Granted	705,035	1989/04/13	62194796	1994/02/11
3135	P0115AEP	Instantaneous Reading Multichannel Polychromatic Spectrophot	Europe	Granted	0192200	1996/03/06	86101901.6	1986/02/14
3135	P0115AFR	Instantaneous Reading Multichannel Polychromatic Spectrophot	France	Granted	0192200	1996/03/06	86101901.6	1986/02/14
3135	P0115ADE	A Novel Array Spectrometer	Germany	Granted	3650481.2	1996/03/06	3650481	1996/03/06
3135	P0115ANI	Instantaneous Reading Multichannel Polychromatic Spectrophot	Netherlands	Granted	0192200	1996/03/06	86101901.6	1986/02/14
3135	P0115AJP	A Novel Array Spectrometer	Japan	Granted	2,602,809	1997/0/1/28		
3135	P0115ACH	Instantaneous Reading Multichannel Polychromatic Spectrophot	Switzerland	Granted	0192200	1996/03/06	86101901.6	1986/02/14
3135	P0115AGB	Instantaneous Reading Multichannel Polychromatic Spectrophot	Great Britain	Granted	0192200	1996/03/06	86101901.6	1986/02/14
3138	P0116ADE	Instantaneous Reading Multichannel Spectrophotometer	United States	Granted	4,678,917	1987/07/07	06/703,280	1984/02/19
3138	P0116AJP	Holder Assembly For Reaction Tubes	Germany	Granted	3407085	1994/12/22	3407065	1994/02/27
3138	P0116A	Holder Assembly For Reaction Tubes	Japan	Granted	1,919,140	1995/04/07	35456164	1984/02/28
3139	P0117A	Holder Assembly For Reaction Tubes	United States	Granted	5,032,283	1991/07/16	06/882,017	1986/07/03
3142	P0118AEP	Apparatus For Monitoring a Plasma Torch	United States	Granted	4,640,827	1987/02/03	08/526,758	1984/08/26
3142	P0118AFR	An Apparatus And Method For Optimizing Separation Of An Unkn	Europe	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118ADE	An Apparatus And Method For Optimizing Separation Of An Unkn	France	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118ANI	An Apparatus And Method For Optimizing Separation Of An Unkn	Germany	Granted	P3386705.1	1992/09/30	85110513.0	1985/08/21
3142	P0118AJP	An Apparatus And Method For Optimizing Separation Of An Unkn	Netherlands	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118ACH	An Apparatus And Method For Optimizing Separation Of An Unkn	Italy	Granted	2,075,811	1996/07/25		
3142	P0118AGB	An Apparatus And Method For Optimizing Separation Of An Unkn	Switzerland	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118A	An Apparatus And Method For Optimizing Separation Of An Unkn	Great Britain	Granted	0175925	1992/09/30	85110513.0	1985/08/21
3142	P0118A	Apparatus And Method For Optimizing Separation Of a Sample	United States	Granted	4,579,663	1988/04/01	06/853,256	1984/09/24
3162	P0120A	Light Detector Apparatus	United States	Granted				
3163	P0121A	Sample Cell Temperature Stabilizer	United States	Granted	5,073,345	1991/12/17	06/753,370	1985/07/08
3173	P0123AEP	Compensator Plate Adjustment For Beam Splitter	United States	Granted	4,589,477	1988/05/20	06/576,860	1984/02/03
3173	P0123ADE	Compensator Plate Adjustment For Beam Splitter	Europe	Granted	0137206	1991/10/123	84109507.8	1984/08/08
3173	P0123AFR	Compensator Plate Adjustment For Beam Splitter	Belgium	Granted	0137206	1991/10/123	84109507.8	1984/08/08
3173	P0123AGB	Compensator Plate Adjustment For Beam Splitter	France	Granted	0137206	1991/10/123	84109507.8	1984/08/08
3173	P0123ANI	Compensator Plate Adjustment For Beam Splitter	Germany	Granted	P3483982.5	1991/10/123	84109507.8	1984/08/08
3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Netherlands	Granted	0137206	1991/10/123	84109507.8	1984/08/08
3173	P0123AIT	Compensator Plate Adjustment For Beam Splitter	Italy	Granted				

3173	P0123AJP	Compensator Plate Adjustment For Beam Splitter	Japan	Granted	2,131,945	1996/08/12			1994/08/09
3173	P0123AGH	Compensator Plate Adjustment For Beam Splitter	Switzerland	Granted	2,017,206	1991/01/23	04109507.0		1984/08/09
3173	P0123AGB	Compensator Plate Adjustment For Beam Splitter	Great Britain	Granted	0,137,206	1991/01/23	04109507.6		1984/08/09
3176	P0124ABE	Assembly For Adjusting An Optical Element	United States	Granted	4,735,505	1998/04/05	091527.935		1993/08/20
3176	P0124ADE	Purge Shutter Mechanism	Belgium	Granted	0,144,539	1999/04/08			
3176	P0124ANL	Purge Shutter Mechanism	Germany	Granted	3,479,313	1999/04/08			
3175	P0124AMT	Purge Shutter Mechanism	Netherlands	Granted	0,444,539	1999/04/08			
3175	P0124ALP	Purge Shutter Mechanism	Italy	Granted	1,772,551	1994/07/14			
3175	P0124ACH	Purge Shutter Mechanism	Japan	Granted	0,444,539	1998/03/09			
3176	P0125AEP	Digital Control For Rapid Refill Of A Liquid Chromatograph	Switzerland	Granted	4,609,845	1995/08/05	091549.952		1993/11/09
3176	P0125AFR	Digital Control For Rapid Refill Of A Liquid Chromatograph	Europe	Granted	0,194,450	1991/01/23	85101823		1995/02/07
3176	P0125ADE	Digital Control For Rapid Refill Of A Liquid Chromatograph P	France	Granted	0,194,450	1991/01/23			
3176	P0125ANL	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Germany	Granted	3,677,029.8	1991/01/23	3677029		1991/01/23
3176	P0125AMT	Digital Control For Rapid Refill Of A Liquid Chromatograph	Netherlands	Granted	0,194,450	1991/01/23			
3176	P0125ASE	Digital Control For Rapid Refill Of A Liquid Chromatograph	Italy	Granted	0,194,450	1991/01/23			
3176	P0125AGH	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Sweden	Granted	1,979,695	1995/10/17			
3176	P0125AGB	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Switzerland	Granted	0,194,450	1991/01/23			
3176	P0125A	Digital Control For Rapid Refill Of A Liquid Chromatograph P	Great Britain	Granted	0,194,450	1991/01/23			
3196	P0126AEP	Interometer Mirror Adjustment	United States	Granted	4,643,649	1997/02/17	06700.765		1995/02/11
3196	P0126AFR	Interometer Mirror Adjustment	Europe	Granted	0,158,173	1995/11/02	85103202		1995/03/19
3196	P0126ADE	Interometer Mirror Adjustment	France	Granted	0,158,173	1995/11/02			
3196	P0126AMT	Interometer Mirror Adjustment	Germany	Granted	3,357,4039.0	1995/11/02	35740350		1994/11/02
3196	P0126AGB	Interometer Mirror Adjustment	Japan	Granted	1,976,654	1995/08/20			
3196	P0126A	Assembly For Positioning An Optical Element	Great Britain	Granted	0,158,173	1995/11/02			
3213	P0128AEP	Micro Argon Detector	United States	Granted	4,621,899	1996/11/11	065598.768		1994/08/09
3213	P0128AFR	Micro Argon Detector	Europe	Granted	0,184,692	1992/08/19	85305196.9		1994/07/22
3213	P0128ADE	Micro Argon Detector	France	Granted	0,184,692	1992/08/19	85305196.9		1994/07/22
3213	P0128AMT	Micro Argon Detector	Germany	Granted	3,166,6529.6	1992/08/19	85305196.9		1994/07/22
3213	P0128AGB	Micro Argon Detector	Netherlands	Granted	0,184,692	1992/08/19	85305196.9		1994/07/22
3213	P0128A	Micro Argon Detector	Japan	Granted	1,898,498	1995/01/23	27939285		1994/12/19
3213	P0128ACH	Micro Argon Detector	Switzerland	Granted	0,184,692	1992/08/19	85305196.9		1994/07/22
3234	P0129A	Ionization Detectors For Gas Chromatography	Great Britain	Granted	4,740,895	1992/08/19	85305196.9		1994/07/22
3255	P0130AEP	Apparatus For Controlling A Pressure	United States	Granted	4,609,810	1996/08/02	066624.313		1994/08/25
3255	P0130AFR	Liquid Chromatographic Cartridge Column System	Europe	Granted	0,161,493	1992/05/20	84104441		1994/04/12
3255	P0130ADE	Liquid Chromatographic Cartridge Column System	France	Granted	0,161,493	1992/05/20	84104441.2		1994/04/12
3255	P0130AMT	Liquid Chromatographic Cartridge Column System	Germany	Granted	3,358,068.5	1992/05/20	85104441.2		1994/04/12
3255	P0130AGB	Liquid Chromatographic Cartridge Column System	Netherlands	Granted	0,161,493	1992/05/20	85104441.2		1994/04/12
3255	P0130A	Liquid Chromatographic Cartridge Column System	Japan	Granted	2,574,045	1994/03/27	1589594		1994/05/07
3255	P0130ACH	Liquid Chromatographic Cartridge Column System	Switzerland	Granted	0,161,493	1992/05/20	85104441.2		1994/04/12
3255	P0130AGB	Liquid Chromatographic Cartridge Column System	Great Britain	Granted	0,161,493	1992/05/20	85104441.2		1994/04/12
3255	P0243AEP	Polychromator For Multi-Element Analysis	United States	Granted	4,587,014	1996/05/06	066607.878		1994/05/07
3256	P0243AFR	Polychromator For Multi-Element Analysis	Europe	Granted	0,282,043	1995/10/20			
3256	P0243ADE	Polychromator For Multi-Element Analysis	France	Granted	0,155,946	1991/01/02	85101457		1994/02/11
3256	P0243AMT	Polychromator For Multi-Element Analysis	Germany	Granted	4,795,257	1995/01/03	071024.237		1997/03/10
3256	P0243AGB	Polychromator For Multi-Element Analysis	Italy	Granted	0,155,946	1991/01/02			
3258	P0244A	Section Grating Generator	Japan	Granted	0,155,946	1991/01/02	3580081		1991/01/20
3258	P0131AEP	Dual Servo Impedance Matching System For Top Spectroscopy	United States	Granted	2,111,799	1996/03/22	6180093		1994/02/28
3258	P0131AFR	Dual Servo Impedance Matching System For Top Spectroscopy	Europe	Granted	5,108,187	1992/04/28	071722.993		1991/06/19
3258	P0131ADE	Dual Servo Impedance Matching System For Top Spectroscopy	France	Granted	0,155,946	1991/01/02			
3258	P0131AMT	Dual Servo Impedance Matching System For Top Spectroscopy	Germany	Granted	4,629,940	1994/12/16	06595.807		1994/03/02
3258	P0131AGB	Dual Servo Impedance Matching System For Top Spectroscopy	United States	Granted	4,629,940	1994/12/16			
3258	P0131A	Plasma Emission Source	Great Britain	Granted	0,155,946	1991/01/02			
3258	P0245AEP	Correction Of Spectra For Stray Radiation	Europe	Granted	0,650,751	1994/08/05			
4314	P0245AFR	Correction Of Spectra For Stray Radiation	France	Granted	0,650,751	1994/08/05			



4314	P0245ADE	Correction Of Spectra For X-ray Radiation	Germany	Granted	69412221.1	1989/04/05			
3258	P0132AEP	Multiple Streams Sampling System	Europe	Granted	0154198	1991/09/25			
4314	P0255AJP	Correction Of Spectra For X-ray Radiation	Japan	Pending					
3266	P0132AOE	Multiple Streams Sampling System	Germany	Granted	3584175.3	1991/09/25			1994/12/16
3259	P0132ASE	Multiple Streams Sampling System	Sweden	Granted	0154198	1991/09/25			
4314	P0245AGB	Correction Of Spectra For X-ray Radiation	Great Britain	Granted	0658751	1989/04/05			1994/12/16
3259	P0132ACH	Multiple Streams Sampling System	Switzerland	Granted	0154198	1991/09/25			
4314	P0245A	Correction Of Spectra For X-ray Radiation	United States	Granted	5 428 558	1995/06/27			1993/12/17
3259	P0132A	Apparatus For Periodically Monitoring Composition of Samples	United States	Granted	4 676 639	1991/07/07			1994/03/02
3282	P0135A	Synchronous Wavelength Drive And Data Acquisition Conversion	United States	Granted	4 668 267	1987/04/16			1985/02/22
3296	P0137A	Safety Apparatus For An Atomic Absorption Spectroscopy Burner	United States	Granted	4 597 034	1986/02/04			1984/11/13
3307	P0139AEP	Self-Sprung Lampholder	United States	Granted	0184203	1991/12/04			1985/07/22
3307	P0139AEP	Programmed Temperature Control Of A Thermal System	Europe	Granted	0184203	1991/12/04			1985/07/22
3307	P0139AEP	Programmed Temperature Control Of A Thermal System	France	Granted	0184203	1991/12/04			1985/07/22
3307	P0139AEP	Programmed Temperature Control Of A Thermal System	Germany	Granted	P3584824.3	1991/12/04			1985/07/22
3307	P0139AEP	Programmed Temperature Control Of A Thermal System	Netherlands	Granted	0184203	1991/12/04			1985/07/22
3307	P0139AEP	Programmed Temperature Control Of A Thermal System	Japan	Granted	2 033 593	1996/03/19			1985/12/03
3307	P0139AEP	Programmed Temperature Control Of A Thermal System	Switzerland	Granted	0184203	1991/12/04			1985/07/22
3307	P0139AEP	Programmed Temperature Control Of A Thermal System	Great Britain	Granted	0184203	1991/12/04			1985/07/22
3307	P0139AEP	Programmed Temperature Control Of A Thermal System	United States	Granted	4 752 218	1988/06/21			1985/11/13
3307	P0139AEP	Programmed Temperature Control Of A Thermal System	United States	Granted	4 837 441	1989/06/06			1988/10/24
3309	P0139A	Ionization Detectors For Gas Chromatography	United States	Granted	2 183 897	1988/07/11			1984/10/24
3309	P0139AGB	Ionization Detectors For Gas Chromatography	Great Britain	Granted	3605498	1995/05/24			1984/10/20
3312	P0140ADE	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	2 068 543	1986/07/10			1986/02/21
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	2 117 512	1986/07/10			1986/02/21
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	4 682 022	1987/07/21			1985/02/21
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	4 617 953	1986/10/21			1984/11/13
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	P2828145	1987/09/10			1978/06/27
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	11191127	1986/02/03			1978/06/27
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	1599348	1976/05/30			1984/11/13
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	4 571 172	1986/02/16			1984/11/13
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	1 713 151	1992/11/11			1984/11/13
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	2 092 288	1984/04/22			1981/10/21
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	4 386 852	1983/08/07			1981/10/21
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	1 670 092	1992/06/12			1981/02/06
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	2 070 235	1984/02/01			1981/02/06
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Australia	Granted	\$84 477	1985/12/12			1982/06/01
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	France	Granted	0179249	1989/05/24			1982/06/01
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Europe	Pending					1990/01/23
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	3570527.2	1989/05/24			1989/05/24
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Netherlands	Granted	0179249	1989/05/24			1989/05/24
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Switzerland	Granted	0179249	1989/05/24			1989/05/24
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	0179249	1989/05/24			1989/05/24
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	0179249	1989/05/24			1989/05/24
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	4 541 452	1985/09/17			1984/10/10
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	4 541 452	1985/09/17			1984/10/10
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Europe	Pending					1984/10/10
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	0249874	2000/04/07			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	France	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Netherlands	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Switzerland	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Netherlands	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Switzerland	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Netherlands	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Switzerland	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Netherlands	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Switzerland	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Netherlands	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Switzerland	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Netherlands	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Switzerland	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Netherlands	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Switzerland	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Netherlands	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Switzerland	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Netherlands	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Switzerland	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Netherlands	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Switzerland	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Great Britain	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	United States	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	0249874	1992/06/17			1997/04/16
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	0249874	1992/06/17			

3366	P0166AEP	Automatic Optimization Procedure	Europe	Granted	0192201	1992/07/29		63844/06	1996/02/20
3369	P0166AAU	Automatic Optimization Procedure	Australia	Granted	595,853	1988/07/27		500,841	1995/07/31
3369	P0166ACA	Automatic Optimization Procedure	Canada	Granted	1,271,342	1990/07/10			
3369	P0166ADE	Automatic Optimization Procedure	Germany	Granted	3686175.8	1992/07/29			
3369	P0166ANL	Automatic Optimization Procedure	Netherlands	Granted	0192201	1992/07/29			
3369	P0166AAT	Automatic Optimization Procedure	Italy	Granted	0192201	1992/07/29			
3369	P0166ACH	Automatic Optimization Procedure	Japan	Granted	1,911,192	1995/03/09			
3369	P0166ACI	Automatic Optimization Procedure	Switzerland	Granted	0192201	1992/07/29			
3369	P0166A	Optimization Apparatus and Procedure	United States	Granted	4,689,754	1987/08/25		35408/88	1998/02/21
3516	P0199AAU	Atomic Absorption Spectrometer	Australia	Granted	502,261	1989/03/16		06/704,338	1995/02/21
3516	P0199AJP	Atomic Absorption Spectrometer	Japan	Granted	2,116,078	1986/12/05		609,554/86	1995/08/02
3518	P0199A	Atomic Absorption Spectrometer	United States	Granted	4,991,960	1991/02/12		06/893,766	1996/08/06
3522	P0200AJP	Gas Control Device For Controlling The Fuel Gas	United States	Granted	2,016,021	1995/02/19		191787/86	1996/04/18
3577	P0147A	Around The Corner Adjustment Device	Japan	Granted	4,689,324	1987/06/02		06/853,253	1996/04/17
3582	P0203A	Burner Assembly For Atomic Absorption Spectrometer	United States	Granted	4,776,694	1990/10/11		06/932,957	1996/11/18
4041	P0175A	Electro-Optical Detector For A Scanning Mass Spectrometer	Japan	Granted	5,053,621	1991/10/01		07/616,123	1990/11/18
3808	P0282A	Electro-Optical Detector For A Scanning Mass Spectrometer	United States	Granted	1,917,493	1990/04/17		07/205,688	1992/02/12
3828	P0018A	Synchronization Of Digital Signals With Alternating Current	United States	Granted	4,961,207	1990/10/02		07/389,150	1992/04/13
4014	P0023A	Plunger/Heating Mechanism For Use In Chromatography	United States	Granted	5,360,586	1996/11/01		07/504,826	1990/04/05
4014	P0031A	Single Element Thermal Conductivity Detector	United States	Granted	5,265,459	1993/11/20		07/748,598	1991/04/22
4037	P0025A	Crucible For Heating And Sealing With A Single Element	United States	Granted	5,096,186	1992/03/24		07/637,392	1991/10/04
2695	P0261AAU	Optical Coupling Device	Australia	Granted	542,372	1985/02/21		76872/81	1991/10/20
2695	P0261ADE	Optical Coupling Device	Germany	Granted	317,593/27	1987/02/25		317,593/2	1987/02/25
2695	P0261ACH	Optical Coupling Device	Switzerland	Granted	0051192	1987/02/25			
4045	P0027A	Standardizing And Calibrating A Spectrometric Instrument	United States	Granted	5,303,165	1994/04/12		07/1034,448	1992/02/12
4317	P0041A	Hybrid Valving System For Varying Fluid Flow Rate	United States	Granted	5,329,985	1994/07/18		08/100,686	1993/07/20
4382	P0044A	Optical Spectrometer For Detecting Spectra In Separate Range	United States	Granted	5,565,903	1990/10/15		08/451,351	1995/05/26
4369	P0042A	Nebulizer	United States	Granted	5,464,157	1995/11/07		08/276,144	1994/07/18
4371	P0043B	Spark Sampling Microparticle Generator And Method	United States	Granted	5,457,069	1995/09/18		08/137,854	1993/10/15
4015	P0021A	3 Point Bending Measuring System	United States	Granted	4,976,152	1990/12/11		07/435,114	1991/12/03
3382	P0064AEP	Vial Loader And Sensor	United States	Granted	5,171,530	1993/01/27		07/803,689	1991/12/03
3382	P0064AER	Integral Separation Capillary/Conductivity Detector	Europe	Granted	0241940	1993/01/27		07/1057,12.1	1997/04/06
3382	P0064AFR	Integral Separation Capillary/Conductivity Detector	France	Granted	0241940	1993/01/27		07/1057,12.1	1997/04/06
3382	P0064ADE	Integral Separation Capillary/Conductivity Detector	Germany	Granted	P37,837,88.2	1993/01/27		07/1057,12.1	1997/04/06
3382	P0064ANL	Integral Separation Capillary/Conductivity Detector	Netherlands	Granted	0241940	1993/01/27		07/1057,12.1	1997/04/06
3382	P0064AJP	Integral Separation Capillary/Conductivity Detector	Japan	Granted	0241940	1993/01/27		07/1057,12.1	1997/04/06
3382	P0064AIE	Integral Separation Capillary/Conductivity Detector	Italy	Granted	0241940	1993/01/27		07/1057,12.1	1997/04/06
3382	P0064AUS	Integral Separation Capillary/Conductivity Detector	Australia	Granted	0241940	1993/01/27		07/1057,12.1	1997/04/06
3382	P0064AGB	Integral Separation Capillary/Conductivity Detector	Switzerland	Granted	0241940	1993/01/27		07/1057,12.1	1997/04/06
3433	P0268A	Method Of Fabricating Capillary Electro. Separation Channels	Japan	Granted	2,735,545	1998/01/09			
3433	P0267A	Grasping Finger Position Sensor For A Robot System	United States	Granted	0241940	1993/01/27		07/1057,12.1	1997/04/06
3435	P0268A	Flame Atomic Absorption Spectrophotometer	Great Britain	Granted	4,816,123	1989/01/27		07/1057,12.1	1997/04/06
3436	P0269A	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,684,811	1988/02/24		06/630,153	1996/02/18
3480	P0271A	System For Calibrating A Monochromator	United States	Granted	4,779,215	1997/01/28		06/635,145	1996/02/18
3480	P0271ADE	High Pressure Column Assembly For A Liquid Chromatograph	Germany	Granted	4,876,005	1998/10/24		07/201,374	1994/12/08
3480	P0271AGB	High Pressure Column Assembly For A Liquid Chromatograph	Switzerland	Granted	0128145	1995/09/20		09/102,366.1	1999/02/10
3514	P0272A	High Pressure Column Assembly For A Liquid Chromatograph	Great Britain	Granted	P88924284.0	1995/09/20		09/102,366.1	1999/02/10
	P0273AEP	Programmable Lamp Plug	United States	Granted	0328146	1995/09/20		09/102,366.1	1999/02/10
	P0273AER	Phase Angle Measurement	United States	Granted	4,670,813	1997/05/02		06/602,924	1995/11/29
	P0273AEP	Phase Angle Measurement	Europe						
	P0273AER	Phase Angle Measurement	France						
	P0273ADE	Phase Angle Measurement	Germany						
	P0273AIT	Phase Angle Measurement	Italy						

2515	P0273ACB	Phase Angle Measurement	Switzerland						
2516	P0273ACB	Phase Angle Measurement	Great Britain						
2517	P0109AEP	Phase Synchronization	Germany						
2518	P0055A	Chromatography Column	United States	Granted	0101862	1988/11/30	93107709	1993/03/04	
2519	P0260A	Regulated Deuterium Arc Supply System	United States	Granted	4,742,276	1988/05/03	064881536	1992/07/25	
2520	P0260A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,944,676	1989/02/19	07644,793	1992/06/25	
2521	P0260A	Variable Gain Amplifier	Korea	Granted	141,585				
2522	P0276AD	Apparatus For Reducing Current Leakage From A Resistor	Germany	Granted	3307697	1986/06/29	3307697	1989/03/03	
2523	P0095AEP	Apparatus For Reducing Current Leakage From A Resistor	Japan	Granted	1,569,343	1990/07/10	51428162	1992/03/21	
2524	P0281AEP	Optical Coupling Device	Europe	Granted	0051152	1987/02/25	81107880	1991/10/02	
2525	P0281AEP	Fluorescence System With Synchronous Clock For Generation Of Ti	Europe	Granted	0058136	1987/09/09	81110555	1991/12/17	
2526	P0098AEP	Optical Beam Splitter	Europe	Granted	0059836	1985/04/21	82100644.3	1992/01/28	
2527	P0098AEP	Apparatus Used With A Chromatography Column	Europe	Granted	0075689	1986/10/15	821006509	1992/07/19	
2528	P0103AEP	Liquid Level Sensor	Europe	Granted	0087568	1987/01/07	83100489.8	1992/01/20	
2529	P0103AEP	Sample Cell Temperature Stabilizer	Europe	Granted	0128120	1988/04/17	84106228.4	1994/05/30	
2530	P0114AEP	Pulse Damper	Europe	Granted	0156132	1989/04/23	85100947.2	1995/01/30	
2531	P0114AEP	Solvent Pressurizing & Degassing System	Europe	Granted	0178349	1989/05/24	85112742	1995/10/08	
2532	P0278AEP	Multi-port Valve In Gas Collection System And Method	Europe	Granted	0185926	1992/09/20	85114718.1	1995/11/19	
2533	P0013A	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	5,428,696	1992/06/27	080092,162	1993/07/16	
2534	P0041AAU	Hybrid Yanking System For Varying Fluid Flow Rate	Australia	Granted	692,773	1991/05/01	88785184	1994/01/28	
2535	P0031B	Thermal Insulating Container For Liquefied Gas	United States	Granted	5,665,681	1991/04/12	087724,432	1996/10/01	
2536	P0032A	Connecting Apparatus For Conveyance Of Cryogenic Fluid	United States	Granted	5,716,082	1991/06/10	080525,975	1995/09/07	
2537	P0033A	Fluid Conveying Device With Removable Connection	United States	Granted	5,928,266	1992/07/20	084950,775	1997/10/15	
2538	P0032A	Mounting Apparatus For Induction Coupled Plasma Torch	United States	Granted	413,502.1				
2539	P0281ADE	Analysis Of Organic Material	Germany	Granted	0281035	1995/07/26	P4135021.8	1999/11/023	
2540	P0281ADE	Thermal Conductivity Detector	Europe	Granted	0281966	1994/02/02	88102940.9	1998/02/28	
2541	P0281ADE	Inductively Coupled Plasma Torch With Sample Injector	Europe	Granted	0281158	1994/01/12	88103413.6	1998/03/04	
2542	P0281ADE	Power System For Inductively Coupled Plasma Torch	Europe	Granted	0281157	1994/06/10	88105748.3	1998/03/04	
2543	P0281ADE	Chromatography Column	Germany	Granted	283881	1993/03/29	88105748.3	1998/04/11	
2544	P0290ADE		Germany	Granted		1990/10/17	3218687	1986/11/18	
2545	P0291AEP		France	Granted	7126944	1972/03/06	7126944	1971/07/13	
2546	P0292ADE		Germany	Granted	39540755	1995/04/22	39540755.9	1995/10/06	
2547	P0296AEP	Computer Operated Spectrometric Instrument	Germany	Published					
2548	P0297AEP	Low Frequency Signal Processing Circuitry	Europe	Granted	0334303	1994/07/20	89105084.3	1999/03/21	
2549	P0300AEP	Monochromator Drift Compensation	Europe	Granted	0344783	1994/03/02	89109948.3	1999/06/01	
2550	P0301AEP	Standardization Of Spectral Lines	Europe	Granted	0344782	1993/10/27	89109947.5	1999/06/01	
2551	P0302AEP		Europe	Granted					
2552	P0303AEP		Europe	Granted					
2553	P0304AEP		Europe	Granted					
2554	P0307AEP	Method And Apparatus For Comparing Spectra	Europe	Granted	0353700	1987/03/26	92118913.2	1992/10/02	
2555	P0308AEP	Apparatus For Differential Analysis Of Sample Dielectric Pro	Europe	Granted	0358972	1993/09/08	93102164.7	1993/02/11	
2556	P0069B	Monitoring Constituents Of An Animal Organ Using Statistical	United States	Pending			092065,248	1996/04/28	
2557	P0074B	Monitoring Constituents Of An Animal Organ Using Radiation	United States	Pending			092065,242	1996/04/28	
2558	P0079AEP	Method Of Manufacturing Glass Beads	Japan	Granted	5,266,821		33128992	1992/11/18	
2559	P0067B	Backwashing System For Gas Chromatography	United States	Granted	5,933,357	1999/08/03	082851,789	1997/05/06	
2560	P0317AEP		Japan	Pending			01-508458	1989/07/27	
2561	P0318AEP		Japan	Pending			01-508458	1989/07/27	
2562	P0319AEP		Japan	Pending			05-263036	1993/09/28	
2563	P0278ADE	Multi-port Valve In Gas Collection System And Method	Germany	Granted	P3586715.9	1992/09/20	85114718.1	1998/04/11	
2564	P0281ADE	Chromatography Column	Germany	Granted	P3678970.1	1993/03/10	86105144.3	1998/04/11	
2565	P0301ADE	Standardization Of Spectral Lines	Germany	Granted	P68910188.0	1993/10/27	85109947.5	1999/06/01	
2566	P0320ADE		Germany	Granted	3175277			1986/09/03	
2567	P0272ADE		Germany	Granted	3682749			1991/12/04	

3628	P0286ADE	Inductively Coupled Plasma Torch With Sample Injector	Germany	Granted	P2808622.4	1994/01/12	88103413.6	1988/07/04
3703	P0285ADE	Thermal Conductivity Detector	Germany	Granted	P2808754.1	1994/02/02	88103409.4	1988/06/30
3809	P0300AAU	Monochromator Drift Compensation	Germany	Granted	P6810359.6	1994/03/02	89103948.3	1988/06/01
3937	P0287ADE	Power System For Inductively Coupled Plasma Torch	Germany	Granted	P3850422.7	1994/06/29	88103403.7	1988/03/04
3827	P0287ADE	Low Frequency Signal Processing Circuitry	Germany	Granted	P688916824.1	1994/07/20	89106904.3	1989/03/21
3596	P0289ADE	Detector Cell For Spectrophotometer Used In Liquid Chromatography	Germany	Granted	P688923389	1995/07/12	88105253.1	1988/03/23
4088	P0307ADE	Method And Apparatus For Computing Spectra	Germany	Granted	P689216536.4	1997/03/28	92110813.2	1992/03/02
4073	P0308ADE	Apparatus For Differential Analysis Of Sample Destructive Pro	Germany	Granted	P68320217	1998/09/17	88320211	1993/02/11
3628	P0284ADE	Zero-Dilution Split Injector Liner For Gas Chromatography	Germany	Granted	P1854208.8	1993/07/26	88102940.8	1988/02/26
4637	P0327A	Monitoring Constituents Of An Animal Organ Using Substrate	United States	Pending			08154.209	1999/08/16
4606	P0328A	Hybrid Film Type Sensor	United States	Pending			08144.334	1999/11/19
4607	P0328A	Enclosure For Analytical Instrumentation	United States	Pending			08144.334	1999/11/19
4801	P0350A	Detection Of Low Level Analytes In Samples Using Agglutinat	United States	Granted	0412.991	1999/08/17	08144.334	1999/11/19
3809	P0309AAU	Monochromator Drift Compensation	United States	Granted	5.942.442	1999/08/24	081031.206	1997/04/02
3809	P0300AAU	Monochromator Drift Compensation	Australia	Granted	612.047	1991/07/18	35874189	1989/06/01
3809	P0300AAU	Monochromator Drift Compensation	United States	Granted	4.916.645	1990/04/10	07201.250	1988/06/02
3928	P0018ADE	Monochromator Drift Compensation	Canada	Granted	1.321.186	1991/02/24	601.458	1989/04/01
3928	P0018ADE	Circuit For Synchronizing Digital Signals With Alternating C	Germany	Granted	4.024.459	1991/02/02	P4024459.8	1990/08/01
3928	P0018ADE	Circuit For Synchronizing Digital Signals With Alternating Cur	Great Britain	Granted	2.235.837	1993/08/16	8016500.6	1990/07/27
4015	P0024ADE	Val Locator And Sensor	Germany	Granted	P69108706.9	1993/05/17	91102281.2	1991/02/18
4015	P0024ADE	Val Locator And Sensor	Europe	Granted	04444498	1995/06/17	91102281.2	1991/02/18
4015	P0024AAU	Val Locator And Sensor	Australia	Granted	640.453	1993/08/26	71833191	1991/02/27
4070	P0031ADE	Single Element Thermal Conductivity Detector	Europe	Granted	0529295	1990/09/02	92112375.8	1992/07/20
4073	P0031ADE	Apparatus For Differential Analysis Of Sample Dielectric Pro	Germany	Granted	63228333.2	1988/08/02	82112375.8	1992/07/20
2730	P0279AGB	Detector Cell For Liquid Chromatography	United States	Granted	5.309.310	1994/06/03	85114718.1	1995/11/19
3536	P0289AGB	3 Point Banding Measuring System	Great Britain	Granted	0185826	1992/08/30	85114718.1	1995/11/19
3994	P0021AGB	Val Locator And Sensor	Great Britain	Granted	0135288	1995/07/12	89105263.1	1995/03/23
4015	P0024AGB	Val Locator And Sensor	Great Britain	Granted	0428010	1994/06/01	90120859.6	1990/10/21
4045	P0027AGB	Standardizing And Calibrating A Spectrometric Instrument	Great Britain	Granted	0444448	1995/05/17	91102281.2	1991/02/18
4046	P0028AGB	Photodiector Amplifier Linearity	Great Britain	Granted	0556006	1997/12/10	93100106.9	1993/01/07
4063	P0029AGB	Method Of Manufacturing Glass Beads	Great Britain	Granted	0552804	1997/04/09	93100102.8	1993/01/07
4073	P0030AGB	Apparatus For Differential Analysis Of Sample Dielectric Pro	Great Britain	Granted	2.261.659	1995/06/28	9223598.3	1992/11/11
4076	P0031AGB	Absorbance Correction In Atomic Absorption Spectroscopy	Great Britain	Granted	0558972	1999/08/12	93102108.7	1993/02/11
4081	P0036AGB	Method For Handling A Thermionic Detector Source	Great Britain	Granted	2.262.180	1995/08/02	9223548.0	1992/11/10
2966	P0278AGB	Variable Gain Amplifier	Great Britain	Granted	2.261.534	1995/12/06	8223598.5	1992/11/11
4056	P0031AGB	Double Beam Detector System For Liquid Chromatography	Great Britain	Granted	2.116.753	1996/01/29	8307866.5	1993/02/10
4086	P0034ADE	Photometric Instrument With Optical Fibers For Analyzing	Germany	Granted	0529341	1996/04/17	92114331.9	1992/04/21
	P0333A	Method For Processing A Sample	United States	Pending			P442486.1.6	1994/07/14
	P0333ANL	Method For Processing A Sample	United States	Pending			09101.819	1989/10/20
	P0333ANL	Method For Processing A Sample	The Netherlands	Pending			1002110	1996/01/17
4462	P0326ACA	Detection Of Low Level Hydrophobic Analytes In Samples	Canada	Published			1002110	1996/01/17
4462	P0326AEP	Detection Of Low Level Hydrophobic Analytes In Samples	Canada	Published	2.285.282		1002110	1996/01/17
4462	P0326AEP	Detection Of Low Level Hydrophobic Analytes In Samples	Europe	Published	08814440.7		1002110	1996/01/17
4462	P0326AAU	Detection Of Low Level Hydrophobic Analytes In Samples	Japan	Pending	10.542004		10.542004	1999/10/04
4501	P0330ACA	Detection Of Low Level Analytes In Samples Using Agglutinat	Australia	Published	6.87.8638		6.87.8638	1988/04/02
4501	P0330AEP	Detection Of Low Level Analytes In Samples Using Agglutinat	Canada	Pending	2.285.219		2.285.219	1990/04/02
4501	P0330AAU	Detection Of Low Level Analytes In Samples Using Agglutinat	Europe	Published	9.8814435.7		9.8814435.7	1989/10/04
4501	P0330AJP	Detection Of Low Level Analytes In Samples Using Agglutinat	Australia	Pending	6.87.9398		6.87.9398	1988/04/02
4462	P0326A	Method For Processing A Sample	Japan	Pending	10.541999		10.541999	1999/10/04
3729	P0335A	Detection Of Low Level Hydrophobic Analytes In Samples	United States	Pending	0.8970480.1		0.8970480.1	1997/04/02
4086	P0024BGB	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	4.820.048	1999/04/06	081832.168	1997/04/02
4589	P0296A	Computer Operated Spectrometric Instrument	Great Britain	Granted	2.312.044	1998/01/21	9714780.5	1997/11/19
	P0337A	Method And Apparatus For Laser Spectral Compensation	United States	Allowed			091300.609	1999/04/27
5002	P0338A	Method And Apparatus For Impurity Detection	United States	Pending			091503.092	2000/02/11

4008	P0307AJP	Method And Apparatus For Comparing Spectra	Japan	Granted	5-209826	1993/08/20	4-287034	1992/10/02
4501	P0330B	Detection Of Low Level Analytes In Samples Using Alignment	United States	Pending			002868 513	1999/03/12
4649	P0339A	Spectroscopic Determination Of The Dissociation Constants	United States	To File				
4010	P0340A	Non-Fluorescence Determination Of Protein-Liquid Interaction	United States	Granted	598,940	1990/07/05	1817508	1988/08/20
4063	P0341A	Optical Switching Device	United States	Granted	5,036,866	1991/10/15	076803 582	1990/10/25
4086	P0029A	Method Of Manufacturing Glass Beads	United States	Granted	5,198,008	1993/03/30	07786 497	1991/11/22
3527	P0297A	Photometric Instrument With Optical Fibers For Analyzing	United States	Granted	4,985,683	1991/07/15	083324 660	1988/10/18
3527	P0297A	Phase Angle Measurement	France	Granted	0334303	1994/07/20	07173 201	1988/03/24
3527	P0297A	Phase Angle Measurement	France	Granted	0334303	1994/07/20	08105064 3	1989/03/21
3527	P0297A	Phase Angle Measurement	Japan	Granted	1,316,831	1991/02/21	73718169	1989/03/24
3527	P0297A	Phase Angle Measurement	Switzerland	Granted	0334303	1994/07/20	08105064 3	1989/03/21
3527	P0297A	Phase Angle Measurement	Great Britain	Granted	0334303	1994/07/20	08105064 3	1989/03/21
3527	P0297A	Phase Angle Measurement	United States	Granted	4,888,573	1993/07/14	07113 594	1987/11/12
3602	P0016A	Line Frequency Served Voltage-To-Frequency Converter System	Europe	Granted	0286682	1993/07/14	07115917 4	1987/10/29
3602	P0016A	Line Frequency Served Voltage-To-Frequency Converter System	Germany	Granted	0286682	1993/07/14	07115917 4	1987/10/29
3602	P0016A	Line Frequency Served Voltage-To-Frequency Converter System	Netherlands	Granted	P0388522 6	1993/07/14	07115917 4	1987/10/29
3602	P0016A	Line Frequency Served Voltage-To-Frequency Converter System	Switzerland	Granted	0286682	1993/07/14	07115917 4	1987/10/29
3602	P0016A	Line Frequency Served Voltage-To-Frequency Converter System	Great Britain	Granted	0286682	1993/07/14	07115917 4	1987/10/29
3628	P0284A	Analysis Of Organic Material	United States	Granted	4,795,614	1991/09/03	07019 905	1987/02/27
3628	P0284A	Analysis Of Organic Material	United States	Granted	5,013,628	1991/05/07	07218 721	1988/07/13
3628	P0284A	Analysis Of Organic Material	Italy	Granted	02860335	1993/07/26	08302840 0	1988/02/25
3628	P0284A	Analysis Of Organic Material	Japan	Granted	2,680,011	1997/08/08	1,42439188	1988/02/25
3628	P0284A	Analysis Of Organic Material	Japan	Granted	2,730,624	1997/12/19	1,5618197	1997/01/16
3628	P0284A	Analysis Of Organic Material	Great Britain	Pending			3622/97	1997/01/16
3628	P0284A	Analysis Of Organic Material	United States	Granted	02860335	1993/07/26	08102940 0	1988/02/25
3628	P0284A	Analysis Of Organic Material	France	Granted	4,818,916	1991/03/06	071022 838	1987/03/06
3628	P0284A	Analysis Of Organic Material	Japan	Granted	9281157	1994/06/29	08103402 7	1988/03/04
3628	P0284A	Analysis Of Organic Material	United States	Granted	2,708,447	1997/10/17	1,998/03/07	1988/03/07
3628	P0284A	Analysis Of Organic Material	Great Britain	Granted	0281157	1994/06/29	08103400 7	1988/03/04
3628	P0284A	Analysis Of Organic Material	United States	Granted	4,766,287	1994/01/12	07022 910	1987/03/06
3628	P0284A	Analysis Of Organic Material	France	Granted	0281158	1994/01/12	08103413 6	1988/03/04
3628	P0284A	Analysis Of Organic Material	Japan	Granted	2,758,165	1994/01/12	07195188	1988/03/07
3628	P0284A	Analysis Of Organic Material	Great Britain	Granted	0281158	1994/01/12	08103413 6	1988/03/04
3628	P0284A	Analysis Of Organic Material	United States	Granted	4,812,979	1994/10/10	071041 654	1987/04/22
3628	P0284A	Analysis Of Organic Material	Australia	Granted	694,926	1988/04/22	1988/04/22	1988/04/22
3628	P0284A	Analysis Of Organic Material	France	Granted	0287822	1993/03/10	08105744 3	1988/04/11
3628	P0284A	Analysis Of Organic Material	Italy	Granted	0287822	1993/03/10	08105744 3	1988/04/11
3628	P0284A	Analysis Of Organic Material	Japan	Granted	2,544,268	1997/02/22	1,988/04/21	1988/04/21
3628	P0284A	Analysis Of Organic Material	Great Britain	Granted	0287822	1993/03/10	08105744 3	1988/04/11
3628	P0284A	Analysis Of Organic Material	United States	Granted	4,995,163	1991/02/28	071022 147	1989/03/25
3628	P0284A	Analysis Of Organic Material	United States	Granted	4,813,267	1991/02/28	071022 147	1989/03/25
3628	P0284A	Analysis Of Organic Material	Italy	Granted	0281986	1994/02/02	08103409 4	1988/03/04
3628	P0284A	Analysis Of Organic Material	Japan	Granted	2,680,012	1997/08/08	1,42439188	1988/03/04
3628	P0284A	Analysis Of Organic Material	Great Britain	Granted	0281986	1994/02/02	08103409 4	1988/03/04
3628	P0284A	Analysis Of Organic Material	Europe	Granted	0316602	1994/04/06	08118828 8	1988/11/11
3628	P0284A	Analysis Of Organic Material	Australia	Granted	635,233	1992/10/26	2568668	1988/11/18
3628	P0284A	Analysis Of Organic Material	Canada	Granted	1,321,894	1993/09/07	08118828 8	1988/11/18
3628	P0284A	Analysis Of Organic Material	France	Granted	0316602	1994/04/06	08118828 8	1988/11/11
3628	P0284A	Analysis Of Organic Material	Germany	Granted	P0388925 0	1994/04/06	08118828 8	1988/11/11
3628	P0284A	Analysis Of Organic Material	Italy	Granted	0316602	1994/04/06	08118828 8	1988/11/11
3628	P0284A	Analysis Of Organic Material	Japan	Granted	2,760,818	1994/03/20	280333888	1988/11/18
3628	P0284A	Analysis Of Organic Material	Great Britain	Granted	0316602	1994/04/06	08118828 8	1988/11/11

3128	P0335ANL	Detector For A Spectrometer	Netherlands	Granted	0316802	1994/04/05	8811828.8	1998/11/11
3172	P0301AA	Standardization Of Spectral Lines	United States	Granted	4,803,259	1990/01/09	07201,510	1998/06/02
3172	P0301AAU	Standardization Of Spectral Lines	Australia	Granted	616,524	1991/10/31	3587318.9	1998/06/01
3172	P0301ACA	Standardization Of Spectral Lines	Canada	Granted	1,325,528	1993/12/23	801,317	1998/05/21
3172	P0301AFA	Standardization Of Spectral Lines	France	Granted	0344782	1993/10/27	89108947.5	1998/06/01
3172	P0301AAT	Standardization Of Spectral Lines	Italy	Granted	0344782	1993/10/27	89108947.5	1998/06/01
3172	P0301AJP	Standardization Of Spectral Lines	Japan	Granted	02-51031	1993/10/27	13938598	1998/06/02
3172	P0301AGB	Standardization Of Spectral Lines	Great Britain	Granted	0344782	1993/10/27	89108947.5	1998/06/01
3172	P0282AEP	Electrothermal Atomization Furnace For Spectrometry	Europe	Granted	0295587	1994/03/16	88108582.2	1998/06/16
3172	P0282ADE	Electrothermal Atomization Furnace For Spectrometry	Germany	Granted	P308840.1	1994/03/16	88108582.2	1998/06/16
3172	P0282ANL	Electrothermal Atomization Furnace For Spectrometry	Netherlands	Granted	0295987	1994/03/16	88108582.2	1998/06/16
3172	P0282AJP	Electrothermal Atomization Furnace For Spectrometry	Japan	Pending			150393088	1998/06/20
3172	P0282AGB	Electrothermal Atomization Furnace For Spectrometry	Great Britain	Granted	0285867	1994/03/16	88108582.2	1998/06/16
3172	P0300AER	Monochromator Drift Compensation	France	Granted	0344783	1994/03/02	89108948.3	1998/06/01
3172	P0300AIF	Monochromator Drift Compensation	Italy	Granted	0344783	1994/03/02	89108948.3	1998/06/01
3172	P0300AGB	Monochromator Drift Compensation	Great Britain	Granted	0344783	1994/03/02	89108948.3	1998/06/01
3172	P0300AJP	Monochromator Drift Compensation	Japan	Pending			139398089	1998/06/02
3172	P0300AER	Monochromator Drift Compensation	Great Britain	Granted	2,243,411	1993/08/25	8107028.8	1998/06/04
3172	P0300AIF	Monochromator Drift Compensation	France	Granted	1044498	1993/05/17	81102281.2	1998/06/01
3172	P0300AGB	Monochromator Drift Compensation	Netherlands	Granted	1044498	1993/05/17	81102281.2	1998/06/01
3172	P0300AJP	Monochromator Drift Compensation	Netherlands	Granted	0444498	1993/05/17	81102281.2	1998/06/01
3172	P0024ACH	Valve Locals And Sensor	Switzerland	Granted	0444498	1993/05/17	81102281.2	1998/06/01
3172	P0024AIF	Valve Locals And Sensor	Italy	Granted	0444498	1993/05/17	81102281.2	1998/06/01
3172	P0024AGB	Valve Locals And Sensor	Switzerland	Granted	0444498	1993/05/17	81102281.2	1998/06/01
3172	P0024AJP	Valve Locals And Sensor	Italy	Granted	0444498	1993/05/17	81102281.2	1998/06/01
3172	P0331AE	Double Beam Detector System For Liquid Chromatography	United States	Granted	5,173,742	1992/12/22	07751,415	1998/10/28
3172	P0331ADE	Double Beam Detector System For Liquid Chromatography	Europe	Granted	0529541	1996/04/17	92114331.9	1992/08/21
3172	P0331AIF	Double Beam Detector System For Liquid Chromatography	Germany	Granted	P63209836.0	1996/04/17	92114331.9	1992/08/21
3172	P0331ANL	Double Beam Detector System For Liquid Chromatography	Netherlands	Granted	0529541	1996/04/17	92114331.9	1992/08/21
3172	P0331AJP	Double Beam Detector System For Liquid Chromatography	Japan	Granted	0529541	1996/04/17	92114331.9	1992/08/21
3172	P0307ACH	Double Beam Detector System For Liquid Chromatography	Switzerland	Granted	0529541	1996/04/17	92114331.9	1992/08/21
3172	P0307ADE	Double Beam Detector System For Liquid Chromatography	Germany	Granted	P63101852.2	1996/04/17	92114331.9	1992/08/21
3172	P0307AIF	Double Beam Detector System For Liquid Chromatography	Switzerland	Granted	0568820	1996/04/17	93106823.1	1993/04/28
3172	P0307ANL	Double Beam Detector System For Liquid Chromatography	France	Granted	0568820	1996/04/17	93106823.1	1993/04/28
3172	P0307AJP	Double Beam Detector System For Liquid Chromatography	Europe	Granted	0568820	1996/04/17	93106823.1	1993/04/28
3172	P0030AIF	Inductively Coupled Plasma Generator	France	Granted	0568820	1996/04/17	93106823.1	1993/04/28
3172	P0030AER	Inductively Coupled Plasma Generator	France	Granted	0568820	1996/04/17	93106823.1	1993/04/28
3172	P0030AGB	Inductively Coupled Plasma Generator	Great Britain	Granted	0568820	1996/04/17	93106823.1	1993/04/28
3172	P0030AJP	Inductively Coupled Plasma Generator	Japan	Granted	0568820	1996/04/17	93106823.1	1993/04/28
3172	P0307AIF	Method And Apparatus For Comparing Spectra	United States	Granted	5,308,982	1994/05/03	071956,519	1992/10/05
3172	P0307AER	Method And Apparatus For Comparing Spectra	France	Granted	0535700	1997/04/26	92116913.2	1992/10/02
3172	P0307ANL	Method And Apparatus For Comparing Spectra	Netherlands	Granted	0535700	1997/04/26	92116913.2	1992/10/02
3172	P0307AJP	Method And Apparatus For Comparing Spectra	Netherlands	Granted	0535700	1997/04/26	92116913.2	1992/10/02
3172	P0307ACH	Method And Apparatus For Comparing Spectra	Switzerland	Granted	0535700	1997/04/26	92116913.2	1992/10/02
3172	P0307ADE	Method And Apparatus For Comparing Spectra	Great Britain	Granted	0535700	1997/04/26	92116913.2	1992/10/02
3172	P0008AIF	Electrothermal Atomization Of Samples	United States	Granted	4,896,443	1990/01/23	07208,936	1994/06/20
3172	P0008AER	Electrothermal Atomization Of Samples	United States	Granted	0284480	1992/11/18	881095861.4	1994/06/16
3172	P0008ANL	Electrothermal Atomization Of Samples	Great Britain	Granted	0284480	1992/11/18	881095861.4	1994/06/16
3172	P0008AJP	Electrothermal Atomization Of Samples	Australia	Granted	002,098	1991/02/12	18174788	1994/06/20
3172	P0008AIF	Electrothermal Atomization Of Samples	Europe	Granted	0284480	1992/11/19	881095861.4	1994/06/16
3172	P0008AER	Electrothermal Atomization Of Samples	Germany	Granted	P3178018.5	1992/11/19	881095861.4	1994/06/16
3172	P0008ANL	Electrothermal Atomization Of Samples	Netherlands	Granted	0284480	1992/11/18	881095861.4	1994/06/16
3172	P0008AJP	Electrothermal Atomization Of Samples	Japan	Granted	2,633,628	1997/04/25	150382788	1994/06/20
3172	P0282AIF	Detector Cell For Liquid Chromatography	United States	Granted	4,886,358	1989/12/12	07116,524	1994/06/20
3172	P0282AER	Detector Cell For Liquid Chromatography	France	Granted	0335288	1995/07/12	89105563.1	1994/06/23
3172	P0282ANL	Detector Cell For Liquid Chromatography	Italy	Granted	0335288	1995/07/12	89105563.1	1994/06/23
3172	P0282AJP	Detector Cell For Liquid Chromatography	Netherlands	Granted	0335288	1995/07/12	89105563.1	1994/06/23
3172	P0023AIF	Photoelectrode Amplifier Linearity	United States	Granted	4,985,626	1991/01/15	07482,245	1994/06/23
3172	P0023AER	Absorbance Correction In Atomic Absorption Spectrometry	United States	Granted	5,228,838	1993/01/20	071823,990	1994/06/27
3172	P0023ANL	Single Element Thermal Conductivity Detector	Great Britain	Granted	5,313,528	1994/05/24	07801,990	1994/06/27
3172	P0023AJP	Single Element Thermal Conductivity Detector	Germany	Granted	0528285	1990/09/02	921132375.8	1994/06/27
3172	P0001AIF	Hybrid Valving System For Varying Fluid Flow Rate	France	Published			94109891.5	1994/06/27
3172	P0001AER	Hybrid Valving System For Varying Fluid Flow Rate	France	Published			94109891.5	1994/06/27
3172	P0001ANL	Hybrid Valving System For Varying Fluid Flow Rate	Great Britain	Published			94109891.5	1994/06/27
3172	P0001AJP	Hybrid Valving System For Varying Fluid Flow Rate	Great Britain	Published			94109891.5	1994/06/27



2766	P0097A	Fluid Flow Control Device	United States	Granted	4,354,932	1982/10/19	06/19/7,302	1980/10/15
4458	P0059A	Heater Control Circuit	United States	Granted	5,672,289	1987/09/20	08/59/410	1986/07/11
4443	P0066A	Apparatus For Controlling Level Of Cryogenic Liquid	United States	Granted	5,671,603	1987/08/20	08/58/436	1985/12/08
4435	P0054A	Dry Gas Curdles For Cryogenic Surfaces	United States	Granted	5,580,537	1987/07/07	08/52/4,535	1986/09/07
4431	P0050A	Cabinometer Having Rapid Cooling Of A Heating Vessel Therein	United States	Granted	5,476,118	1986/09/02	08/56/9,358	1985/12/08
4430	P0049A	Gas Chromatographic System With Controlled Sample Transfer	United States	Granted	5,171,786	1986/07/27	08/73/4,839	1986/10/21
4411	P0047A	Flow Regulation In Gas Chromatography	United States	Granted	5,545,252	1986/08/13	08/57/7,077	1985/03/01
3532	P0020A	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,001,530	1987/07/21	08/08/3,770	1986/05/16
4073	P0030AJP	Differential Dielectric Analyzer	Japan	Pending			05-08/4842	1987/03/02
3536	P028BAEP	Detector Cell	Europe	Granted	03,928,886	1995/07/12	09/105/283,1	1989/03/23
2836	P0276A	Optical Coupling Device	United States	Granted	4,494,212	1985/01/15	06/67/8,547	1984/07/06
2782	P0278A	Powder System With Synchronous Check For Generation Of TI	United States	Granted	4,345,479	1982/08/24	06/22/4,783	1981/01/13
2730	P0279A	Multi-part Valve In Gas Collection System And Method Of Use	United States	Granted	4,001,211	1986/07/22	06/68/0,688	1984/12/12
3536	P0298AJP	Low Cost Detector Cell	Japan	Granted	12,042,307	1988/12/24	78/62/89	1988/03/31
3538	P0298BEP	Detector Cell For Liquid Chromatography	Europe	Published	06,285,574		04/108/752,8	1989/03/23
4511	P0089C	Monitoring Constituents Of An Axial Organ Using Statistical	United States	Pending			09/47/9,642	2000/01/07
5015	P0343A	Barcode Labeling Of ATD Tubes	United States	To File				
4479	P0064ACH	Analyzing Spectrometric Data	Switzerland	Granted	108,347,25		97/17/174,9	1987/10/02
4479	P0064ADE	Analyzing Spectrometric Data	Germany		108,347,25			
4479	P0064AFR	Analyzing Spectrometric Data	France		108,347,25			
4479	P0064AGB	Analyzing Spectrometric Data	Great Britain		108,347,25			
4479	P0064AIT	Analyzing Spectrometric Data	Ibby		108,347,25			
4479	P0064ANL	Analyzing Spectrometric Data	Netherlands		108,347,25			
2730	P0279AJP	Multi-part Valve In Gas Collection System And Method Of Use	Japan	Granted	1,338,829	1984/04/25	27/81/1185	1985/12/12
4045	P0279ADE	Standardizing And Calibrating A Spectrometric Instrument	Germany	Granted	03,600,006		93/100/106,9	1983/01/07
4046	P0279ADE	Photo-detector Amplifier Linearity	Germany	Granted	8,930,950	1987/04/09	93/100/102,8	1983/01/07
4076	P0033AAU	Absorbance Correction In Atomic Absorption Spectroscopy	Australia	Granted	654,088		2981/41/2	
4137	P0033AAU	Grouping Of Spectral Bands For Data Acquisition	Australia	Granted	667,614		5767/31/4	
4483	P008BAEP	Tunable External Cavity Diode Laser	Europe	Published			9783/0051,8	1987/07/28
4632	P0345A	Use Of Hg Lines From Hg Lamp For Wavelength Standardization	United States	To File				
4641	P0015AJP	Low Cost Detector Cell	Japan	Granted	3,016,789	1988/12/24	78/762/89	1989/12/24
4641	P0346A	Use Of Ne Lines For ICP Instrument Standardization	United States	To File				
5003	P0347A	Methods And Apparatus To Improve The Sensitivity	United States	Pending			80/193,974	2000/03/21
5006	P0348A	Apparatus And Methods For Bioluminescent Analytical Methods	United States	Pending			80/193,519	2000/03/21
5006	P0350A	Polymeric Reagent Pad	United States					
3824	P0351A	Sampling Device For Use In Automated Methods	United States	Granted	4,853,513	1988/08/01	07/187,106	1988/04/28
3824	P0009A	Arc Spray Gun For Coating Confined Areas	Canada	Granted	1,314,944	1983/03/23	587,288	1988/04/20
3824	P0009AJP	Arc Spray Gun For Coating Confined Areas	Japan	Granted	2-1644/70	1980/05/25	1-104/817	1988/04/26
3824	P0009AEP	Arc Spray Gun For Coating Confined Areas	Europe	Granted	03,396,50		89/107/686,1	1989/04/27
3824	P0009ACN	Arc Spray Gun For Coating Confined Areas	China	Granted	103,997/8			
3824	P0009ADE	Arc Spray Gun For Coating Confined Areas	Germany	Granted	689,236/6		89/107/686,1	1989/04/27
5000	P0032AJP	Padding Of The Torch Glassware	United States	Pending			60/175,888	2000/01/13
8264	P0002A	Digital Gain Controlled Current to Voltage Amplifier	United States	Granted	4,689,877	1987/08/02	06/704,388	1988/02/22
	P0328ACH	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0328ADE	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0328AFR	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0328AGB	Detection Of Low Level Hydrophobic Analytes In Samples						
	P0328AIT	Detection Of Low Level Hydrophobic Analytes In Samples						
4590	P0073AWO	Autosampler Having Gripper With Shape Memory Metal Actuator	PCT	Pending			PCT/US00/03736	2000/02/14
	P0071B	Autosampler	United States	Pending			09/518,486	2000/03/03
	P0045ADE	Method	Germany	Pending			695/14/870,2-08	1993/06/22
	P0047BAU	Flow Regulation In Gas Chromatography	Australia	Pending			1757/600	2000/02/18

5007	P03621A	Design Of A Device For Sampling A Surface To Collect	Germany	Granted	88925233	1996/02/08	623,233	1999/05/17
5005	P03622A	Polymatic Carrier For Reagents	United States	To File				
5004	P03632A	Lower Cost Internal Calibration Standard	United States	To File				
3516	P03644A	Atomic Absorption Spectrometer	Great Britain	Granted	2,180,044			
3522	P0199A9GB	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	P3870372.9			
5014	P03656A	Conductive Coating To Eliminate Charge Effects And Reduce	United States	To File				
5011	P03657A	Self-Check Swab And Swabbing Technique	United States	To File				
5013	P03657A	Dual Photodiode Correction Of Background For Bioluminescence	United States	To File				
5012	P03659A	Self-Check Detection Of Inhibitory Components	United States	To File				
4137	P0039A9DE	Grouping Of Spectral Bands For Data Acquisition	Germany	Pending			694,24,092,6-08	
3526	P0201A9GB	Device For Igniting A Flame In An Atomic Absorption Extromet	Great Britain	Granted	2,180,328	1987/03/25	0821642	1986/09/10
3526	P0201ADE	Device For Igniting A Flame In An Atomic Absorption Extromet	Germany	Granted	P3532537.2	1987/03/19	P3532537.2	1985/09/12
3522	P0200BDE	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	3529547.3			1985/08/17
4498	P0371A	Method For Measuring Absolute Value Of Thermal Conductivity	United States	Pending			60210,256	2000/06/08
4499	P0372A	Method Of Detecting Organisms In A Sample	United States	Pending	5,902,722	1990/05/11	008965,574	1997/12/05
5019	P0372A9WO	Method Of Detecting Organisms In A Sample	United States	Pending				
5020	P0376A	RH Compensation By Nelson Coefficients Of Electrochemical	United States	To File				
5021	P0377A	Planar Electrochemical Gas Sensor	United States	To File				
5022	P0378A	Electrochemical Gas Sensor With Minimalized Flow Channels	United States	To File				
5022	P0379A	Carbon-Free Electrochemical Sensor	United States	To File				
5024	P0380A	Electrochemical Sensor With Dry Nucleon	United States	To File				
5025	P0381A	Integrated Electrochemical Gas Detector	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				
	P0053A9IT	Fluid Conveying Device With Removable Connection	Italy	Pending				
	P0053A9FR	Fluid Conveying Device With Removable Connection	France	Pending				
	P0053A9DE	Fluid Conveying Device With Removable Connection	Germany	Pending				
	P0053A9CH	Fluid Conveying Device With Removable Connection	Switzerland	Pending				
	P0065A9WO	Self Aligning Optical Fiber Terminator	PCT	Pending				
4484	P0357A	Non-Contacting Method of Cleaning Surfaces	United States	Granted	4,866,024	1990/09/11	07291,715	1989/04/01
	P0357A9CA	Non-Contacting Method of Cleaning Surfaces	United States	Granted	1,315,623	1993/04/13	687,045	1990/07/11
	P0357A9EP	Non-Contacting Method of Cleaning Surfaces	Europe	Granted	0324435	1993/07/19	89100346.9	1990/07/10
	P0357A9JP	Non-Contacting Method of Cleaning Surfaces	Japan	Granted	1,225,125	1993/07/19	892,992	1990/07/11
	P0357A9DE	Non-Contacting Method of Cleaning Surfaces	Germany	Granted	68909422	1993/07/19	899,422	1990/07/10
3548	P0358A	Scanning Array Spectrophotometer	United States	Granted	4,798,464	1993/07/19	060338,858	1990/07/12
	P0359A	Method and Apparatus For Reducing Robustion	United States	Granted	5,131,611	1992/07/21	691,935	1991/04/26
4368	P0042A9DE	Nebulizer	Germany	Granted	693,320		P695,144/0,2	
4368	P0042A9GB	Nebulizer	United Kingdom	Granted	693,320		693,320	
4369	P0042A9NL	Nebulizer	Netherlands	Granted	693,320		693,320	
4070	P0033A9AU	Method For Processing A Sample	Italy	Granted	0529285	1990/09/02	92112375.8	1992/07/20
3480	P0271A9JP	Single Element Thermal Conductivity Detector	Japan	Granted	2,679,879			
	P0380A9EP	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,952,858	1990/09/28	198,545	1990/05/18
	P0360A9EP	Microchromatograph Apparatus	Europe	Granted	0342658	1989/11/23	89104854.4	1989/05/17
	P0360A9JP	Microchromatograph Apparatus	Japan	Granted	2,035,709	1990/02/06	123,023	1989/05/18
	P0360A9CA	Microchromatograph Apparatus	Canada	Granted	1,304,173	1992/06/23	599,723	1989/05/15
	P0360A9DE	Microchromatograph Apparatus	Germany	Granted	88925233	1996/02/08	623,233	1999/05/17



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August 30, 2000

U.S. Patent and Trademark Office  
Assignment Division  
Box Assignments, CG-4  
1213 Jefferson Davis Highway, Suite 320  
Washington, D.C. 20231

Re: Assignment Recordation and Name Change  
Patent No. 4,568,267  
**Safety Apparatus For AN Atomic Absorption  
Spectrophotometer Burner**  
SSJR File: 03141-P0135A

Dear Sir or Madam:

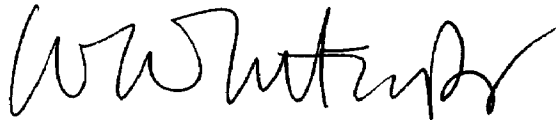
We enclose an Assignment document and a Change of Name document to be recorded for the US Patent No. 4,568,267. Please record the enclosed documents in the following order:

1. Perkin-Elmer Corporation to Perkin Elmer LLC (Assignment)
2. Perkin Elmer LLC to PerkinElmer Instruments LLC (Name Change)

Also enclosed are two company checks each in the amount of \$40.00 to cover costs for recording both of the documents mentioned above.

Thank you for your assistance with this matter. If you have any further question please contact us.

Sincerely,



Wesley W. Whitmyer, Jr.  
[wwwjr@ssjr.com](mailto:wwwjr@ssjr.com)

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Enclosures

C: Phil Ayers, Esq. ( via facsimile 203-761-5006 only) w/o enclosures

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RECORDED: 09/05/2000

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