

01-02-2001



101568187

PATENT
03141-P0276A WWW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Assignor:	Perkin-Elmer Corporation
Assignee:	Perkin Elmer LLC
Patent No. 4,494,212	Issue Date: January 15, 1985
Title of Application:	Optical Coupling Device

12-14-00

Box Assignment
Assistant Commissioner for Patents
Washington, DC 20231

Assignment Recordation Form Cover Sheet

Dear Sir:

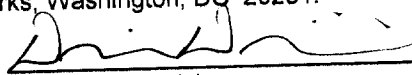
Please record the attached original document.

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.

December 11, 2000


Danielle Dominici

12/28/2000 DNGUYEN 00000230 4492212

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40.00 OP

PATENT
REEL: 011369 FRAME: 0754

5. Patent Number: 4,494,212.
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 (NY)*)

By 

Name: Thomas Livingston

Title: ~~Assistant~~ Secretary

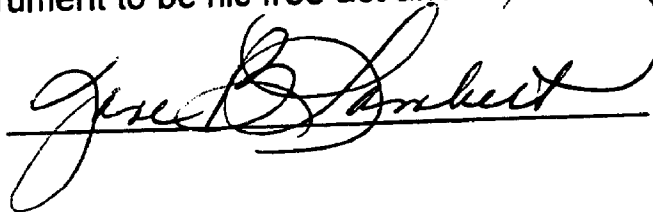
State of Connecticut

ss.

County of Fairfield

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

Notary Public



Patent Number	Inventor	Title	EXHIBIT A				Serial Number	File Date
			Country	Status	Reproduction Number	Issue Date		
0095	P0001ASE	Automatic Variable Filter For Use In Scanned Spectrometers	Sweden	Pending			11468-6	1873/04/23
2103	P0004AJP	Flame Ionization Detector Status Indicator	Japan	Pending				
2132	P0005AJP	Detector Cell Assembly	Japan	Pending				
2357	P0006AJP	High Resolution Slitless Monochromator	Japan	Pending				
3602 (HWK/UM/98)	P0016AJP	Use Frequency Slaved Voltage-To-Frequency Converter System	Japan	Pending				
3808	P0019ADE	Application Of Kerman Fibers To ICP Spectra	Japan	Granted	2,730,577	1987/12/19	603059AS	1886/04/23
3973	P0020ADE	Quadrupole Mass Filter For Charged Particles	Germany	Granted	3,060,314	2000/04/28	02-205946	1890/08/02
3984	P0021AJP	3 Point Bending Measuring System	Germany	Pending			P4827768.2	1889/08/23
4014	P0021ADE	Pneumatic Holding Mechanism For Use In Chromatography	Japan	Allowed	3,032,800	2000/02/18	P4100046.3	1891/08/03
4015	P0022AJP	Pneumatic Holding Mechanism For Use In Chromatography	Germany	Pending			2-304227	1880/11/13
4015	P0024ACA	Vial Locator And Sensor	Japan	Granted	3,057,380	2000/09/21	P4110763.2	1891/04/03
4015	P0024AJP	Vial Locator And Sensor	Canada	Pending			5-13264091	1891/02/07
4037	P0025AJP	Circuit For Heating And Bending With A Single Element	Japan	Granted	5-104,160	1993/09/30	3330270.1	1891/02/27
4045	P0027ACA	Standardizing And Calibrating A Spectrometric Instrument	Japan	Granted	0491063		9112135.7	1891/12/10
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument	Canada	Pending	4,310,830		03-345215	1891/12/26
4045	P0027AJP	Standardizing And Calibrating A Spectrometric Instrument	Europe	Granted	560,008		2,087,260	1893/01/15
4046	P0028ACA	Probe Detector Amplifier Linearity	Japan	Granted	6,082,307		9725078.7	1897/05/08
4046	P0028AJP	Probe Detector Amplifier Linearity	Canada	Pending	1837/83	2000/03/14	1837/93	1893/02/12
4067	P0030AJP	Inductively Coupled Plasma Linearity	Japan	Granted	6-48745	1884/03/29	05-023171	1893/01/18
4070	P0031AJP	Single Element Thermal Conductivity Detector	Korea	Granted	247,171	1998/12/10	728/83	1893/01/21
4076	P0033ADE	Ascorbic Acid Apparatus For Heating A Thermionic Detector Source	Japan	Pending			1151699.3	1893/04/20
4091	P0035ADE	Method And Apparatus For Heating A Thermionic Detector Source	Germany	Pending	5-223771	1883/06/01	2414470.2	1892/08/19
4126	P0035AJP	Method And Apparatus For Heating A Thermionic Detector Source	Germany	Pending			P4237167.8	1892/11/04
4133	P0037AJP	Sampling Counting Method And Apparatus	Europe	Granted	5-256922	1993/10/08	04-327513	1892/11/13
4133	P0038ADE	Optical Switching Apparatus With Retroreflector	Germany	Pending			81903988.3	
4137	P0039ACA	Grouping Of Spectral Bands For Data Acquisition	Japan	Granted	7,287,178		1850243.1	1895/01/28
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition	Canada	Granted			3869179.5	1895/02/27
4137	P0039AJP	Grouping Of Spectral Bands For Data Acquisition	Europe	Granted	0615115	2000/04/28	2,115,055	1894/02/12
4317	P0041ACA	Hybrid Vending System For Varying Fluid Flow Rate	Japan	Granted	6,300,628		84103598.2	1894/03/08
4317	P0041AJP	Hybrid Vending System For Varying Fluid Flow Rate	Canada	Granted			38143094	1894/03/08
4317	P0041AJP	Hybrid Vending System For Varying Fluid Flow Rate	Europe	Granted	0653959	2000/04/27	2,126,496	1894/06/22
4389	P0042ADE	Nebulizer	Japan	Granted	7,070,032		14109991.5	1894/06/21
4389	P0042AJP	Nebulizer	Europe	Granted			17702584	1894/07/28
4389	P0042AJP	Nebulizer	Japan	Published	0893320		85109738.9	1895/06/22
4389	P0042AJP	Nebulizer	Europe	Published			1803049.5	1895/07/17
4389	P0042AJP	Nebulizer	Australia	Granted	713,793	1884/05/24	52485196	1895/05/24
4389	P0042AJP	Nebulizer	Europe	Pending	0744598		86107288.1	1895/06/08
4389	P0042AJP	Nebulizer	Japan	Pending			13214396	1895/05/27
4389	P0042AJP	Nebulizer	Europe	Pending	0763196		85921345.5	1895/05/22
4389	P0042AJP	Nebulizer	Europe	Pending	0803061		85921344.8	1895/05/22
4389	P0042AJP	Nebulizer	Japan	Pending			8500987	1896/11/28
4389	P0042AJP	Nebulizer	Japan	Pending			8500986	1896/11/28
4389	P0042AJP	Nebulizer	Australia	Granted	710,048	2000/01/20	3431593	1895/10/17
4389	P0042AJP	Nebulizer	Europe	Pending	0708324		85116662.9	1895/10/04
4411	P0047AJP	Flow Regulation In Gas Chromatograph	Japan	Pending			271071785	1895/10/18
4411	P0047AJP	Flow Regulation In Gas Chromatograph	Australia	Granted			45801196	1896/02/28
4411	P0047AJP	Flow Regulation In Gas Chromatograph	Canada	Pending			2,170,080	1896/02/28
4411	P0047AJP	Flow Regulation In Gas Chromatograph	Europe	Pending	0720151		186103188.7	1896/03/01

4411	P0047AJP	Flow Regulation In Gas Chromatograph	Japan	Pending	0851512		4351506	1986/03/01
4427	P0048AEP	Solid State Inductively Coupled Plasma Generator	Europe	Pending			9712189A.5	1997/12/12
4427	P0049AJP	Solid State Inductively Coupled Plasma Generator	Japan	Published			10000461	1990/01/05
4430	P0049AEP	Gas Chromatographic System With Controlled Sample Transfer	Europe	Pending	0770488		95117016.4	1996/10/23
4430	P0049AJP	Gas Chromatographic System With Controlled Sample Transfer	Japan	Pending			95117016.4	1996/10/23
4431	P0050AEP	Calorimeter Having Rapid Cooling Of A Heating Vessel Therein	Europe	Granted	0770485	1987/06/11	95110387.7	1996/12/03
4431	P0050AJP	Calorimeter Having Rapid Cooling Of A Heating Vessel Therein	Japan	Granted	8,178,577	1987/07/11	95110387.7	1996/12/03
4432	P0051AEP	Thermal Insulating Container For Liquefied Gas	Europe	Published			96113491.3	1996/08/22
4432	P0051AJP	Thermal Insulating Container For Liquefied Gas	Japan	Published			96113491.3	1996/08/22
4433	P0052AEP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Europe	Pending	0770439		96119365.1	1996/12/03
4433	P0052AJP	Connecting Apparatus For Conveyance Of Cryogenic Fluid	Japan	Pending			96119365.1	1996/12/03
4434	P0053AEP	Fluid Conveying Device With Removable Connection	Europe	Published	0762033	2000/06/14	96113490.5	1996/10/22
4434	P0053AJP	Fluid Conveying Device With Removable Connection	Japan	Published			96113490.5	1996/10/22
4435	P0054AEP	Dry Gas Curtain For Cryogenic Surface	Europe	Pending	0762094		96110836.2	1996/10/04
4435	P0054AJP	Dry Gas Curtain For Cryogenic Surface	Japan	Pending			96110836.2	1996/10/04
4440	P0055AEP	Standardizing A Spectrometric Instrument	Europe	Pending			97122559.6	1997/12/19
4440	P0055AJP	Standardizing A Spectrometric Instrument	Japan	Pending			97122559.6	1997/12/19
4440	P0055AJP	Standardizing A Spectrometric Instrument	United States	Granted	6,049,762	2000/04/11	97122559.6	1997/12/19
4443	P0056AEP	Apparatus For Controlling Level Of Cryogenic Liquid	Europe	Pending			96118368.9	1996/12/03
4443	P0056AJP	Apparatus For Controlling Level Of Cryogenic Liquid	Japan	Pending			96118368.9	1996/12/03
4445	P0057AEP	Standardizing Between Analytical Instruments	Europe	Pending	0651219		97122551.1	1997/12/19
4445	P0057AJP	Standardizing Between Analytical Instruments	Japan	Pending			97122551.1	1997/12/19
4456	P0058AEP	Standardizing Between Analytical Instruments	Europe	Pending	0670712		98108041.6	1998/05/18
4456	P0058AJP	Standardizing Between Analytical Instruments	Japan	Pending			98108041.6	1998/05/18
4457	P0059AEP	Standardizing Of Chromatographic Systems	United States	Granted	6,954,246	1999/09/28	981079.080	1998/05/14
4457	P0059AJP	Standardizing Of Chromatographic Systems	Japan	Granted			981079.080	1997/07/04
4458	P0060AEP	Heating Control Circuit	Europe	Pending	06910231		98118130.7	1998/10/05
4471	P0062AEP	Mounting Apparatus For Induction Coupled Plasma Torch	Japan	Pending			97920359.3	1998/10/20
4472	P0063AEP	Ion Detector, Detector Array And Instrument Using Same	Europe	Pending	0688764		9-631249	1998/10/12
4472	P0063AJP	Ion Detector, Detector Array And Instrument Using Same	Japan	Pending			9-631249	1998/10/12
4479	P0064AEP	Analyzing Spectrometric Data	Europe	Pending	0684725		97117174.9	1997/10/03
4479	P0064AJP	Analyzing Spectrometric Data	Japan	Pending			97117174.9	1997/10/03
4479	P0064AJP	Analyzing Spectrometric Data	United States	Granted	6,029,115	2000/01/22	9810940.576	1998/09/30
4484	P0065A	Self Aligning Optical Fiber Terminator	United States	Pending			99235,262	1999/04/02
4483	P0066AJP	Tunable External Cavity Diode Laser	Australia	Pending			4046897	1997/07/20
4493	P0066ACA	Tunable External Cavity Diode Laser	Canada	Pending			2,261,036	1997/07/20
4493	P0066AJP	Tunable External Cavity Diode Laser	Japan	Pending			10508031	1999/01/25
4498	P0067AEP	Backscattering System For Gas Chromatography	Europe	Pending	0828717		97115653.4	1997/08/09
4498	P0067AJP	Backscattering System For Gas Chromatography	Japan	Pending			97115653.4	1997/08/09
4531	P0070AEP	Method And Apparatus To Compensate For Gas Chromatograph	Europe	Pending	0872732		98106622.4	1998/04/15
4531	P0070AJP	Method And Apparatus To Compensate For Gas Chromatograph	Japan	Pending			98106622.4	1998/04/15
4538	P0071A	Autosampler	United States	Pending			10512298	1998/04/15
4538	P0071AJP	Autosampler	Japan	Pending			10512298	1998/04/15
4538	P0071AJP	Autosampler Having Gripper With Shape Memory Metal Actuator	United States	Pending			60122,892	1999/02/12
4538	P0071AJP	Absorbance Correction In Atomic Absorption Spectroscopy	Japan	Granted	5,240,764		087250,063	1999/02/12
4538	P0071AJP	Computer Control Cable Multi-Port Valve	Europe	Granted	1,561,134	1987/01/20	04-345103	1992/12/02
4538	P0071AJP	Regulated Deuterium Arc System Supply	Europe	Granted	0254326		87110775.1	1987/07/24
4538	P0071AJP	Apparatus And Method For Differential Analysis Using Signals	United States	Pending	6,549,387	1998/04/27	08/065,762	1998/04/23
4538	P0071AJP	Apparatus And Method For Differential Analysis Using Signals	United States	Granted	0428019	1994/09/01	90120839.5	1994/06/01
4538	P0071AJP	3 Point Bending Measuring System	Europe	Granted	6,481,631	1996/01/02	08/201,848	1994/02/25
4538	P0071AJP	Optical Switching Apparatus With Retractor	United States	Granted	5,412,458	1995/05/02	08/028,515	1995/03/08
4538	P0071AJP	Automatic Temperature Calibration Of Thermal Analyzers	United States	Pending			2232040	1996/02/26
4538	P0071AJP	Deposited Glass Etching	Japan	Pending				
4538	P0071AJP	Phosphoric Instrument With Optical Fibers For Analyzing	Great Britain	Granted	2,240,026	1988/01/21	9412352.6	1984/06/20
4538	P0071AJP	Ion Detector, Detector Array And Instrument Using Same	PCT	Published			PCT/US97/06077	1997/04/11

4314	P0245ADE	Connection Of Spectra For Stray Radiation	Germany	Granted	6941222.1	1988/04/06		
3259	P0132AEP	Multiple Streams Sampling System	Europe	Granted	0154186	1981/08/25		
4314	P0245AJP	Connection Of Spectra For Stray Radiation	Japan	Pending				
3259	P0132ADE	Multiple Streams Sampling System	Germany	Granted	3584175.3	1981/09/25		1984/12/16
3259	P0132AUE	Multiple Streams Sampling System	Sweden	Granted	0154186	1981/09/25		
4314	P0245AGB	Connection Of Spectra For Stray Radiation	Great Britain	Granted	0658751	1988/04/05	6411867.4	1984/12/16
3259	P0132ACH	Multiple Streams Sampling System	Switzerland	Granted	0154186	1981/09/25		
4314	P0245A	Connection Of Spectra For Stray Radiation	United States	Granted	5 428 558	1995/05/27	08/189 300	1983/12/17
3259	P0132A	Apparatus For Periodically Monitoring Composition Of Samples	United States	Granted	4 678 639	1987/07/07	06/585 787	1984/03/02
3259	P0132A	Synchronous Wavelength Drive And Data Acquisition Conversion	United States	Granted	4 660 977	1987/04/20	06/704 344	1985/07/22
3282	P0135A	Safety Apparatus For an Atomic Absorption Spectroscopy Burner	United States	Granted	4 660 267	1986/02/04	06/670 711	1984/11/13
3296	P0137A	Self Sprung Lampholder	United States	Granted	4 597 034	1986/06/24	06/670 715	1984/11/13
3307	P0138AEP	Programmed Temperature Control Of A Thermal System	Europe	Granted	0184283	1991/11/20	85305185.1	1985/07/22
3307	P0138AFR	Programmed Temperature Control Of A Thermal System	France	Granted	0184283	1991/11/20	85305185.1	1985/07/22
3307	P0138ADE	Programmed Temperature Control Of A Thermal System	Germany	Granted	P3584624.3	1991/11/20	85305185.1	1985/07/22
3307	P0138AUL	Programmed Temperature Control Of A Thermal System	Netherlands	Granted	0184283	1991/11/20	85305185.1	1985/07/22
3307	P0138AJP	Programmed Temperature Control Of A Thermal System	Japan	Granted	2 033 583	1996/03/19	27238185	1985/12/03
3307	P0138ACH	Programmed Temperature Control Of A Thermal System	Switzerland	Granted	0184283	1991/11/20	85305185.1	1985/07/22
3307	P0138AGB	Programmed Temperature Control Of A Thermal System	United States	Granted	0184283	1991/11/20	85305185.1	1985/07/22
3307	P0138A	Programmed Temperature Control Of A Thermal System	United States	Granted	4 752 218	1988/06/21	06/830 982	1986/11/13
3309	P0139A	Ionization Detectors For Gas Chromatography	United States	Granted	4 637 441	1988/06/06	06/822 586	1986/10/24
3309	P0138AGB	Ionization Detectors For Gas Chromatography	Great Britain	Granted	2 183 897	1990/07/11	8528765.6	1985/10/30
3312	P0140ADE	Linearized Ultra-Low Noise Mod Preamp	Germany	Granted	3605488	1995/05/24	3605488	1986/02/20
3312	P0140AJP	Linearized Ultra-Low Noise Mod Preamp	Japan	Granted	2 068 543	1996/07/10	3540986	1986/02/21
3312	P0140AGB	Detector Preampifier For Use With A MCT Detector	Great Britain	Granted	2 171 512	1989/01/25	8601998.9	1986/01/28
3313	P0140A	Detector Preampifier For Use With A MCT Detector	United States	Granted	4 682 022	1987/07/21	06/704 355	1986/02/21
2445	P0256ADE	Optical Beam Switching Apparatus	Germany	Granted	P282145	1987/09/10	2828 145	1984/11/13
2445	P0256AJP	Optical Beam Switching Apparatus	Japan	Granted	1118127	1986/02/03		1987/06/27
2445	P0256AJP	Optical Beam Switching Apparatus	Great Britain	Granted	1899348	1976/05/20		
3321	P0143A	System For Changing Variables In A Spectrophotometer	United States	Granted	4 571 172	1986/02/10	06/870 713	1984/11/13
2515	P0257AJP	Phase Synchronization	Japan	Granted	1 711 151	1992/11/11	862482	1984/01/26
2515	P0257AGB	Spectroscopic Phase Synchronization Apparatus	Great Britain	Granted	2 092 288	1984/04/22	6137107.6	1981/10/21
2846	P0258AJP	Method And Apparatus For Determining The Nature Of An Unknown	United States	Granted	4 386 852	1983/06/07	06/722 583	1981/01/29
2846	P0258AGB	Apparatus And Method For Determining The Nature Of An Unknown	Japan	Granted	1 670 082	1992/06/12	1675378.1	1991/07/06
2700	P0103AAU	Apparatus Useful For Positioning A Light Fiber	Great Britain	Granted	2 070 235	1984/02/01	8103088.4	1981/02/02
3331	P0144AFR	Solvent Pressurizing & Degassing System	Australia	Granted	344 477	1986/12/12	8437182	1982/06/01
3331	P0260AEP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	France	Granted	0178349	1988/05/24		
3331	P0144ADE	Solvent Pressurizing & Degassing System	Europe	Pending	3570527.2	1988/05/24	90101324.3	1990/01/23
3331	P0144ACH	Solvent Pressurizing & Degassing System	Germany	Granted	0179249	1989/05/24	3570527	1989/05/24
3331	P0144AGB	Solvent Pressurizing & Degassing System	Netherlands	Granted	0179249	1989/05/24		
3331	P0144A	Solvent Pressurizing System	Switzerland	Granted	0179249	1989/05/24		
60377E	P0260AJP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Great Britain	Granted	4 541 452	1988/05/24		
3365	P0145AEP	Ionization Detectors For Gas Chromatography	United States	Granted	3 083 832	1985/09/17	06/859 374	1984/01/10
3365	P0145AFR	Ionization Detectors For Gas Chromatography	Japan	Pending	0248714	2000/04/07	3654300	1990/01/16
3365	P0145ADE	Ionization Detectors For Gas Chromatography	Europe	Granted	0248714	1992/06/17	87105713.9	1987/04/16
3365	P0145AUL	Ionization Detectors For Gas Chromatography	France	Granted	P3178818.9	1992/06/17	87105713.9	1987/04/16
3365	P0280ACA	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Germany	Granted	0248714	1992/06/17	87105713.9	1987/04/16
3365	P0145AJP	Ionization Detectors For Gas Chromatography	Netherlands	Granted	2 007 782	2000/04/14	2 007 782	1990/01/15
3365	P0145A	Ionization Detectors For Gas Chromatography	Canada	Granted	0248714	1992/06/17	87105713.9	1987/04/16
4369	P0042AAU	Nebulizer	Italy	Granted	2 574 288	1990/10/24		
			Japan	Granted	0248714	1992/06/17	87105713.9	1987/04/16
			Sweden	Granted	0248714	1992/06/17	87105713.9	1987/04/16
			Great Britain	Granted	4 873 862	1989/10/17	07/004 810	1987/01/09
			United States	Granted	707 363	1999/07/08	25011935	1995/07/14
			Australia	Granted				

3369	P0144AP	Automatic Optimization Procedure	Europe	Granted	01922201	1992/07/28		
3368	P0144AU	Automatic Optimization Procedure	Australia	Granted	596,863	1992/07/22	639444/86	1996/02/20
3367	P0144AC	Automatic Optimization Procedure	Canada	Granted	1,271,342	1990/07/10	500,841	1995/07/31
3366	P0144AN	Automatic Optimization Procedure	Germany	Granted	3965175.8	1992/07/28		
3365	P0144AT	Automatic Optimization Procedure	Netherlands	Granted	01922201	1992/07/28		
3364	P0144AJ	Automatic Optimization Procedure	Italy	Granted	01922201	1992/07/28		
3363	P0144AH	Automatic Optimization Procedure	Japan	Granted	1,911,192	1995/03/08		
3362	P0146A	Optimization Apparatus and Procedure	Switzerland	Granted	01922201	1992/07/28	354081/86	1998/02/21
3361	P0139AU	Atomic Absorption Spectrometer	United States	Granted	4,689,764	1987/08/25	06/7/04, 359	1995/02/21
3360	P0139A	Atomic Absorption Spectrometer	Australia	Granted	502,261	1987/08/25	608584/85	1995/02/21
3359	P0139AP	Atomic Absorption Spectrometer	Japan	Granted	2,118,078	1990/03/16		
3358	P0139AU	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,991,960	1991/02/12	06/9/93, 786	1998/08/05
3357	P0137A	Burner Assembly For Atomic Absorption Spectrometer	Japan	Granted	2,016,021	1990/07/19	19/7/78/85	1995/04/17
3356	P0137AP	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,089,324	1987/06/02	06/8/53, 288	1995/04/17
3355	P0137A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	4,776,654	1990/10/11	06/9/92, 957	1996/11/19
3354	P0137A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	Japan					
3353	P0137A	Electro-Optical Ion Detector For A Scanning Mass Spectrometer	United States	Granted	5,053,621	1991/10/01	07/6/18, 123	1996/11/19
3352	P0137A	Synchronization Of Digital Signals With Alternating Current	United States	Granted	4,917,493	1990/07/17	07/2/05, 848	1996/08/13
3351	P0137A	Plunger Housing Mechanism For Use In Chromatography	United States	Granted	4,961,207	1990/10/02	07/3/88, 150	1991/08/02
3350	P0033A	Single Element Thermal Conductivity Detector	United States	Granted	5,360,596	1990/11/01	07/5/04, 826	1992/04/05
3349	P0025A	Circuit For Heating And Sensing With A Single Element	United States	Granted	5,285,459	1993/11/20	07/7/48, 548	1991/04/22
3348	P0281AU	Optical Coupling Device	Australia	Granted	5,098,186	1992/03/24	07/6/37, 392	1991/10/04
3347	P0281AU	Optical Coupling Device	Germany	Granted	542,372	1995/02/21	76972/81	1991/10/30
3346	P0281ACH	Optical Coupling Device	Switzerland	Granted	317,892.7	1997/02/25	3175932	1997/02/25
3345	P0027A	Standardizing And Calibrating A Spectrometric Instrument	United States	Granted	0051192	1997/02/25		
3344	P0041A	Hybrid Vending System For Varying Fluid Flow Rate	United States	Granted	5,320,185	1994/04/12	07/6/34, 448	1992/02/12
3343	P0041A	Optical Spectrometer For Detecting Spectra In Separate Range	United States	Granted	5,329,985	1994/07/19	08/1/00, 588	1993/07/30
3342	P0042A	Nebulizer	United States	Granted	5,365,983	1996/10/15	08/4/51, 351	1995/05/26
3341	P0043B	Spin Sampling Microprobe Generator And Method	United States	Granted	5,464,157	1995/11/07	08/2/76, 144	1994/07/18
3340	P0021A	3 Point Bending Measuring System	United States	Granted	5,452,089	1995/09/19	08/1/37, 854	1993/10/15
3339	P0021A	Vial Locator And Sensor	United States	Granted	4,976,162	1990/12/11	07/4/35, 114	1989/11/13
3338	P0064AP	Integral Separation Capillary/Conductivity Detector	Europe	Granted	5,171,330	1992/12/15	07/6/03, 669	1991/12/03
3337	P0064AP	Integral Separation Capillary/Conductivity Detector	France	Granted	0241840	1993/01/27	87105712.1	1997/04/06
3336	P0064AP	Integral Separation Capillary/Conductivity Detector	Germany	Granted	0241840	1993/01/27	87105712.1	1997/04/06
3335	P0064ANL	Integral Separation Capillary/Conductivity Detector	Germany	Granted	0241840	1993/01/27	87105712.1	1997/04/06
3334	P0064AT	Integral Separation Capillary/Conductivity Detector	Netherlands	Granted	0241840	1993/01/27	87105712.1	1997/04/06
3333	P0064AT	Integral Separation Capillary/Conductivity Detector	Italy	Granted	0241840	1993/01/27	87105712.1	1997/04/06
3332	P0064ASE	Integral Separation Capillary/Conductivity Detector	Japan	Granted	2,735,546	1993/01/27		
3331	P0064AG8	Integral Separation Capillary/Conductivity Detector	Sweden	Granted	0241840	1993/01/27	87105712.1	1997/04/06
3330	P0064A	Method Of Fabricating Capillary Electro Separation Channels	Great Britain	Granted	0241840	1993/01/27	87105712.1	1997/04/06
3329	P0266A	Grating For Feigen Position Sensor For A Robot System	United States	Granted	4,816,123	1988/03/28	07/05/1, 808	1997/07/05
3328	P0261A	Power Circuit For Spectral Analysis Gaseous Discharge Lamps	United States	Granted	4,682,905	1997/07/28	06/6/30, 163	1996/02/18
3327	P0261A	Power Circuit For Spectral Analysis Gaseous Discharge Lamps	United States	Granted	4,716,342	1997/11/29	06/6/04, 946	1996/12/05
3326	P0261A	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,726,679	1988/02/23	06/6/35, 145	1996/01/03
3325	P0261A	Flame Atomic Absorption Spectrophotometer	United States	Granted	4,684,911	1987/08/04	06/6/55, 985	1996/01/03
3324	P0270A	System For Calibrating A Monochromator	United States	Granted	4,779,216	1990/10/18	06/6/37, 434	1996/03/07
3323	P0271A	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,816,005	1990/10/24	07/7/81, 374	1996/12/08
3322	P0271AEP	High Pressure Column Assembly For A Liquid Chromatograph	Europe	Granted	4,821,616	1995/09/20	89102366.1	1999/02/10
3321	P0271AEP	High Pressure Column Assembly For A Liquid Chromatograph	Germany	Granted	4,821,616	1995/09/20	89102366.1	1999/02/10
3320	P0271ACB	High Pressure Column Assembly For A Liquid Chromatograph	Great Britain	Granted	4,821,616	1995/09/20	89102366.1	1999/02/10
3319	P0272A	Programmable Lamp Plug	United States	Granted	4,670,913	1987/08/02		
3318	P0273A	Phase Angle Measurement	Europe					
3317	P0273AEP	Phase Angle Measurement	France					
3316	P0273AFR	Phase Angle Measurement	Germany					
3315	P0273ADE	Phase Angle Measurement	Germany					
3314	P0273AIT	Phase Angle Measurement	Italy					

2765	P0087A	Fluid Flow Control Device	United States	Granted	4,354,932	1982/10/19	06/19/2002	1980/07/15
4454	P0056A	Heater Control Circuit	United States	Granted	5,072,289	1997/09/20	08/28/2010	1986/07/11
4443	P0056A	Apparatus For Controlling Level Of Cryogenic Liquid	United States	Granted	5,071,603	1997/09/20	09/28/2010	1986/07/11
4431	P0054A	Dry Gas Curtain For Cryogenic Surface	United States	Granted	5,580,537	1997/07/10	09/24/2007	1986/09/07
4430	P0050A	Calorimeter Having Rapid Cooling Of A Heating Vessel Through	United States	Granted	5,076,110	1996/03/02	08/26/2008	1985/12/08
4411	P0047A	Gas Chromatographic System With Controlled Sample Transfer	United States	Granted	5,711,786	1996/03/02	08/24/2008	1986/10/21
3522	P0200A	Flow Regulation In Gas Chromatography	United States	Granted	6,645,252	1996/08/13	08/31/2007	1985/03/01
4073	P0200A	Gas Control Device For Controlling The Fuel Gas	United States	Granted	4,001,530	1997/07/21	05/08/2002	1986/06/16
3536	P0208AEP	Differential Dielectric Analyzer	Japan	Pending				1993/03/02
2856	P0276A	Optical Coupling Device	Europe	Granted	0306288	1996/07/12	05/05/2003	1989/02/23
2782	P0276A	Formular System With Synchronous Clock For Generation Of TI	United States	Granted	4,494,212	1995/01/15	06/28/2007	1984/07/06
2730	P0276A	Multi-port Valve In Gas Collection System And Method Of Use	United States	Granted	4,345,479	1992/08/24	06/24/2003	1984/10/13
3536	P0289AJP	Low Coal Detector Cell	United States	Granted	4,801,211	1996/07/22	06/28/2008	1984/12/12
3538	P0298BEP	Detector Cell For Liquid Chromatography	Japan	Granted	12,042,337	1999/12/24	12/02/2009	1988/03/31
4511	P0039C	Monitoring Components Of An Astral Organ Using Statistical	Europe	Published	0626574		04/09/2002	1999/03/23
5015	P0343A	Barcode Labeling Of ATD Tubes	United States	Pending			09/17/2004	2000/01/07
4479	P0064ACH	Analyzing Spectrometric Date	Switzerland	Granted	0034725		97/12/174.9	1987/10/02
4479	P0064ADE	Analyzing Spectrometric Date	Germany		0034725			
4479	P0064AFR	Analyzing Spectrometric Date	France		0034725			
4478	P0064AGB	Analyzing Spectrometric Date	Great Britain		0034725			
4478	P0064AIT	Analyzing Spectrometric Date	Italy		0034725			
4478	P0064ANL	Analyzing Spectrometric Date	Netherlands		0034725			
2730	P0279AJP	Multi-port Valve In Gas Collection System And Method Of Use	Japan	Granted	1,838,829	1994/04/25	27/01/1985	1985/12/12
4045	P0027ADE	Standardizing And Calibrating A Spectrometric Instrument	Germany	Granted	0560006		93/10/106.9	1983/01/07
4076	P0034AU	Procedural Control Apparatus Linearity	Germany	Granted	06309504	1997/04/09	93/10/102.8	1993/01/07
4137	P0039AAU	Absorbance Correction In Atomic Absorption Spectroscopy	Australia	Granted	654,058	2881/4/82	5/5/2004	
4433	P0086AEP	Grouping Of Spectral Bands For Data Acquisition	Europe	Granted	867,614		97/03/094	1997/07/28
4612	P0345A	Tunable External Cavity Diode Laser	United States	Published			97/03/094	1997/07/28
4612	P0015AJP	Use Of High Lines From High Lamp For Wavelength Standardization	Japan	To File				
4843	P0346A	Low Coal Detector Cell	United States	Granted	3,016,789	1998/12/24	7/7/2009	1989/12/24
5003	P0347A	Use Of Ne Lines For ICP Instrument Standardization	United States	To File			60/193.874	2000/03/21
5006	P0348A	Apparatus And Methods To Improve The Sensitivity	United States	Pending			60/193.874	2000/03/21
5006	P0349A	Apparatus And Methods For Bioluminescent Analytical Methods	United States	Pending			60/193.874	2000/03/21
5006	P0350A	Polymeric Sampling Sash	United States	Pending			60/193.874	2000/03/21
3824	P0351A	Polymeric Sampling Pad	United States	Pending			60/193.874	2000/03/21
3824	P0009A	Sampling Device For Use In Automated Methods	United States	Granted	4,853,513	1998/08/01	07/19/2006	1988/04/28
3824	P0009A	Arc Spray Gun For Coating Confined Areas	United States	Granted	1,314,944	1993/03/23	08/7/2008	1988/04/20
3824	P0009AJP	Arc Spray Gun For Coating Confined Areas	Japan	Granted	2-184470	1990/06/25	1-104817	1988/04/26
3824	P0009AEP	Arc Spray Gun For Coating Confined Areas	Europe	Granted	0239650		09/10/2008	1989/04/27
3824	P0009ACN	Arc Spray Gun For Coating Confined Areas	China	Granted	1039678			
3824	P0009ADE	Arc Spray Gun For Coating Confined Areas	Germany	Granted	68823646		09/10/2008	1989/04/27
5000	P0352AJP	Padding Of The Torch Gasway	United States	Pending			60/175.088	2000/01/13
3264	P0007A	Digital Gain Controlled Current to Voltage Amplifier	United States	Granted	4,669,877	1997/08/02	06/04/2006	1985/02/22
	P0328ACH	Detection Of Low Level Hydrophobic Analyses In Samples						
	P0328ADE	Detection Of Low Level Hydrophobic Analyses In Samples						
	P0328AFR	Detection Of Low Level Hydrophobic Analyses In Samples						
	P0328AGB	Detection Of Low Level Hydrophobic Analyses In Samples						
	P0328AIT	Detection Of Low Level Hydrophobic Analyses In Samples						
4590	P0073AIVO	Autosampler Having Gripper With Shape Memory Metal Actuator	PCT	Pending			PCT/US00/03736	2000/02/14
	P0071B	Autosampler	United States	Pending			60/516.466	2000/03/03
	P0045ADE	Nebulizer	Germany	Pending			655 14 870.208	1995/06/22
	P0047BAU	Flow Regulation In Gas Chromatography	Australia	Pending			175/800	2000/02/18

4484	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	Germany	Pending					
	P0053AWO	Self Aligning Optical Fiber Terminator	Switzerland	Pending					
	P0057A	Non-Conducting Method of Cleaning Surfaces	United States	Pending					
	P0057ACA	Non-Conducting Method of Cleaning Surfaces	Canada	Granted	4,666,024	1990/06/11	07/29/1,715	2000/04/01	
	P0057AEP	Non-Conducting Method of Cleaning Surfaces	Europe	Granted	1,315,823	1993/04/13	657,985	1998/01/11	
	P0057AJP	Non-Conducting Method of Cleaning Surfaces	Japan	Granted	0324435	1998/07/18	89100348.9	1998/01/10	
	P0057ADE	Non-Conducting Method of Cleaning Surfaces	Germany	Granted	1,225,125	1999/09/08	892,982	1999/01/11	
	P0058A	Scanning Array Spectrophotometer	United States	Granted	6800422	1993/11/04	808,422	1998/01/10	
	P0059A	Method and Apparatus For Rotational Rotation	United States	Granted	4,798,464	1999/01/17	06/838,858	1998/03/12	
	P0042ADE	Nebulizer	Germany	Granted	5,131,611	1992/07/21	891,935	1997/04/26	
	P0042AGB	Nebulizer	United Kingdom	Granted	693,320		693,320		
	P0042ANL	Nebulizer	Netherlands	Granted	693,320		693,320		
	P0033AAU	Method For Processing A Sample	Italy	Granted	0520285	1998/09/02	92112375.8	1992/07/20	
	P0031AIT	Single Element Thermal Conductivity Detector	Japan	Granted	2,676,879	1990/08/28	198,545	1998/05/18	
	P0021AJP	High Pressure Column Assembly For A Liquid Chromatograph	United States	Granted	4,952,058	1998/11/23	69104864.4	1998/05/17	
	P00360A	Microbiograph Apparatus	Europe	Granted	0342639	1999/02/06	123,023	1999/05/18	
	P00360AEP	Microbiograph Apparatus	Japan	Granted	2,035,109	1992/06/23	599,723	1998/05/15	
	P00360ACA	Microbiograph Apparatus	Canada	Granted	1,304,173	1995/02/08	623,233	1999/05/17	
	P00360ADE	Microbiograph Apparatus	Germany	Granted	6892523				
	P00361A	Design Of A Device For Sampling A Surface To Collect	United States	To File					
	P00362A	Polymetric Carrier For Reagents	United States	To File					
	P00363A	Low Cost Internal Calibration Standard	United States	To File					
	P00364A	Dual Photodiode Connection Of Background For Bioluminescence	Great Britain	Granted	2,180,064				
	P00364A	Atomic Absorption Spectrometer	Germany	Granted	P9670372.9		P9670372.9		
	P0020ADE	Gas Control Device For Controlling The Fuel Gas	Germany	Granted					
	P0066A	Conductive Coating To Eliminate Charge Effects And Reduce	United States	To File					
	P0066A	Sanitization Swab And Swabbing Technique	United States	To File					
	P0066A	Dual Photodiode Connection Of Background For Bioluminescence	United States	To File					
	P0066A	Sanitization Detection Of Inhibitory Components	United States	To File					
	P0039ADE	Grouping Of Spectral Bands For Data Acquisition	Germany	Pending					
	P0020IADE	Device For Igniting A Flame In An Atomic Absorption Ectronet	Great Britain	Granted	2,180,326	1997/03/25	8821642	1996/09/10	
	P0020IADE	Device For Igniting A Flame In An Atomic Absorption Ectronet	Germany	Granted	P3332537.2	1997/03/19	P3332537.2	1995/09/12	
	P0020BDE	Gas Control Device For Controlling The Fuel Gas	Germany	Granted	3329547.3				
	P0037A	Method For Measuring Absolute Value Of Thermal Conductivity	United States	Pending					
	P0037A	Method Of Detecting Organisms In A Sample	United States	Granted	5,802,722	1998/05/11	60210,256	2000/06/08	
	P0037AWO	Method Of Detecting Organisms In A Sample	United States	Pending					
	P0037A	RH Compensation By Nucleon Coatings Of Electrochemical	United States	To File					
	P0037A	Planar Electrochemical Gas Sensor With Miniatured Flow Channels	United States	To File					
	P0037A	Electrochemical Gas Sensor With Miniatured Flow Channels	United States	To File					
	P0037A	Catharion-Free Electrochemical Sensor	United States	To File					
	P00380A	Electrochemical Sensor With Dry Nelson	United States	To File					
	P00381A	Integrated Electrochemical Gas Generator	United States	To File					
	P00382A	Prevention Of Flooding In Thick-Film Electrochemical Sensors	United States	To File					
	P00383A	RH Compensation For Electrochemical Sensors With Different	United States	To File					

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December 7, 2000

U.S. Patent and Trademark Office
Assignment Division
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1213 Jefferson Davis Highway, Suite 320
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Re: Assignment Recordation and Name Change
Patent No. 4,494,212
Optical Coupling Device
SSJR File: 03141-P0276A

Dear Sir or Madam:

We enclose an Assignment document and a Change of Name document to be recorded for the US Patent No. 4,494,212. 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

WWW:dd
Enclosures

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

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