

FORM PTO-1595 (Rev 07/05)  
OMB No. 0651-0027 (exp. 6/30/2008)

U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark Office

Att'y. Docket No.: **P&H**

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies):  
**PerkinElmer, Inc.**

Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No

3. Nature of conveyance:

Execution Date(s) Dec. 6, 2005; Nov. 16, 2006; Aug. 29, 2007

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

2. Name and address of receiving party(ies):

Name: **EATON CORPORATION**  
Internal Address: **ATTN: Loren H. Uthoff**  
Street Address: **EATON CENTER**  
**1111 SUPERIOR AVENUE**  
City: **CLEVELAND**  
State: **OHIO**  
Country: **U.S.A.** Zip: **44114**

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s): \_\_\_\_\_ This Document is being filed together with a new Application.

A. Patent Application No.(s)  
10/630,779; 11/301,228; 11/091,271; 10/760,334;  
11/118,030

B. Patent No.(s)  
4,759,555; 4,919,453; 4,972,986; 5,249,814;  
5,261,319; 5,368,069; 5,433,370; 5,505,498;

Additional numbers attached? ☒ Yes ☐ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: **EATON CORPORATION**  
Attorney: **LOREN H. UTHOFF**  
Internal Address: **PATENT LAW DEPARTMENT**  
Street Address: **EATON CENTER**  
**1111 SUPERIOR AVENUE**  
City: **CLEVELAND** State: **OHIO** Zip: **44114-2584**  
Phone Number: **216-523-4555**  
Fax Number: **216-479-7015**  
Email Address: **LorenHuthoff@Eaton.com**

6. Total number of applications and patents involved: \_\_\_\_\_

7. Total fee (37 CFR 1.21(h) & 3.41) **\$1,680.00**

☐ Authorized to be charged by credit card  
☒ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_  
b. Deposit Account Number **05-0275**  
Authorized User Name **Eaton Corporation**

9. Signature. 

Signature

Date 9/13/07

**LOREN H. UTHOFF Reg. No. 31,673**

Name of Person Signing

Total number of pages comprising cover sheet, attachments, and documents: **10**

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

CH \$1360.00 060275 10630779

Additional numbers attached? ☒ Yes

4. Application number(s) or patent number(s):  
CONTINUATION FROM FIRST PAGE

\_\_\_\_ This Document is being filed together with a new Application.

A. Patent Application No.(s)

|

B. Patent No.(s)

|  
5,509,702; 5,630,593; 5,645,303; 5,716,052;  
5,730,445; 5,769,604; 5,772,254; 5,799,954;  
5,873,611; 5,884,918; 6,231,047; 6,322,079;  
6,397,653; 6,405,760; 6,612,584; 6,709,023;  
5,713,582; 5,730,448; 5,735,532; 5,735,533;  
6,015,152; 6,042,121; 6,322,087; 6,409,180;  
5,351,971; 5,368,069; 6,969,071; 7,004,478;  
7,044,470

**ASSIGNMENT**

**THIS ASSIGNMENT**, effective as of August 29, 2007 (the "Effective Date"), is made by and between **PerkinElmer, Inc.**, with an address of 940 Winter Street, Waltham, MA 02451 ("Assignor") **Eaton Corporation**, with a business address at 1111 Superior Avenue, Cleveland, OH 44114 ("Assignee");

**WHEREAS**, Assignor wishes to assign to Assignee all of Assignor's right, title, benefit and interest in and to all inventions, granted Patents and any reissues thereof, and all applications for Letters Patent, including those Patents and all applications for Letters Patent, listed in the following table:

Application No.	Filing Date	Title	Assignment Recordation
11/118030	04/29/2005	HYDRODYNAMIC MAGNETIC SEAL	Recorded 4/29/2005 Reel/Frame 016523/0906

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged Assignor, intending to be legally bound, agrees as follows:

Assignor hereby assigns, sells and sets over to Assignee, its successors, assigns and legal representatives, for the territory of the United States of America and all foreign countries, Assignor's entire right, title and interest in and to the patents and patent applications specified in the above table, including any reissues, divisions, continuations, continuations-in-part, revisions, extensions, and reexaminations thereof, the same to be held and enjoyed by the Assignee, as fully and entirely as the same would have been held by the Assignor had this Assignment not been made; and the full right to sue for and recover all profits and damages recoverable for past infringement of the inventions and patents, for Assignee's use and behalf, and for the use and behalf of Assignee's successors, assigns, and other legal representatives.

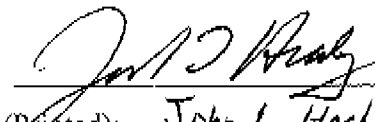
**PerkinElmer, Inc. (Assignor)**

Date: August 29, 2007

By:

Name (Printed):

Title:

  
John L. Healy  
Vice President

BH01V785518.1  
IDNPGU

## PATENT ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, PerkinElmer, Inc., a Massachusetts corporation (the "Asset Seller"), hereby assigns to Eaton Corporation, an Ohio corporation having a place of business at 1111 Superior Avenue, Cleveland, Ohio 44114 ("Buyer"), all of Asset Seller's right, title and interest in and to the below-identified patents, patent applications and the inventions disclosed therein in all countries of the world including any and all reissues, reexaminations and extensions thereof and all divisionals, continuations, and continuations-in-part, including all rights to sue for past infringement, the same to be held and enjoyed by Buyer, its successors and assigns:

### U.S. Patents

US Patent Number	Title	Application Date	Issue Date
4759555	Split Ring Seal with Slip Joint	09/16/87	07/26/88
4919453	Low Profile V-coupling	06/21/89	04/24/90
4972986	Circumferential Inter-Seal for Sealing between Relatively Rotatable Concentric Shafts	11/01/88	11/27/90
5249814	Multi-ply Sealing Rings and Methods for Manufacturing Same	01/14/93	10/05/93
5261319	Bellows with Curved Waves Having Points of Contact	01/15/92	11/16/93
5368069	Conduit Joint Assembly	05/28/93	11/29/94
5433370	Multi-ply Sealing Rings and Methods for Manufacturing Same	10/01/93	07/18/95
5505498	Flexible Pressure Energized Joint	05/16/94	04/09/96
5509702	Low Distortion Pipe Coupling Device	08/23/94	04/23/96
5630593	Pressure-energized Sealing Ring	09/12/94	05/20/97
5645303	Compact Pipe Coupling Device	10/27/94	07/08/97
5716052	Pressure Energized Sealing Rings	09/05/96	02/10/98
5730445	Pressure Energized Metallic Sealing Ring	03/10/97	03/24/98
5769604	Face Seal Device Having High Angular Compliance	05/04/95	06/23/98
5772254	Modular Joint with a Replaceable Sealing Sleeve	12/10/95	06/30/98
5799954	Coaxial Sealing ring	01/13/97	09/01/98
5873611	Pipe Clamping Device	03/10/97	02/23/99
5884918	Brush Seal with a Flexible Front Plate	10/04/96	03/23/99
6231047	Brush Seal	05/25/99	05/15/01
6322079	Face Seal	10/19/99	11/27/01
6397653	Folded Metal Bellows	08/13/99	06/04/01
6405760	Accumulator	06/13/01	06/18/02
6612584	Flange and Seal Assembly	04/19/02	09/02/03
6709023	Flexible Slide Joint	01/11/02	03/23/04
5713582	Seal Retainer	01/03/97	02/03/98
5730448	Seal Retainer Plate	01/03/97	05/24/98
5735532	Seal Compression Limiting Retainer	01/03/97	04/07/98
5735533	Cavity Depth Increasing Retainer	01/03/97	04/07/98

6015152	Seal Retainer Having an Indicator	12/29/97	01/18/00
6042121	Metallic Sealing Ring	07/21/97	03/28/00
6322087	Metallic Seal for Low Load Conditions	08/03/99	11/27/01
6409180	Metallic Seal	04/21/00	06/25/02

### Foreign Patents

Country	Patent Number	Title	Application Date	Issue Date
GB	2292981	Pressure-energized Sealing Ring	09/07/95	01/13/98
GB	2321284	Seal Retainer	11/14/97	06/05/00
DE	19751700	Seal Retainer	07/09/98	08/29/02
GB	2323135	Pressure-energized Metallic Sealing Ring	11/14/97	02/06/01
EP	0745793	Face Seal Device Having High Angular Compliance	04/12/96	10/17/01
GB	2321285	Coaxial Sealing Ring	11/14/97	12/19/00
CH	692093	Coaxial Sealing Ring	11/27/97	01/31/02
SE	520374	Coaxial Sealing Ring	11/13/97	07/01/03
GB	2323139	Pipe Clamping Device	11/14/97	08/29/01
GB	2327474	Metallic Sealing Ring	07/13/98	10/02/01
EP	0961058	Brush Seal	05/26/99	07/27/05
GB	2361508	Metallic Seal	03/20/01	09/24/02
GB	2384281	Flexible Slide Joint	11/05/02	02/22/05
JP	7151235	Brush Seal Having Floating Back Plate	05/20/94	06/27/03
JP	7055018	Brush Seal Having a Recessed Back Plate	03/22/94	06/27/03
EP	0617216	Brush Seal Having a Recessed Back Plate	03/18/94	08/18/99
DE	69420067	Brush Seal Having a Recessed Back Plate	----	12/09/99
FR	2671844	Bellows with Curved Waves Having Points of Contact		

## Patent Applications

Patent Number	Title	Application Date
EP1358425	Accumulator	11/05/03
JP2005500487	Accumulator	05/09/03
W003016774	Accumulator	02/27/03
DE10256981	Flexible Slide Joint	08/14/03
DE10119534	Metallic Seal	01/03/02
US0155658	Hermetically Sealed Pressure Balanced Accumulator	1/20/04
	Self Centering Brush Seal Disclosure	TBD
	Hydrodynamic Non-Contacting Magnetic Seal	

Executed as of the 6th day of December, 2005.

PERKINELMER, INC.

By: *[Signature]*

Name: John L. Healy

Title: Assistant Secretary

STATE OF Massachusetts )

COUNTY OF Norfolk )

SS:

On this 6th day of December, 2005, before me personally appeared John L. Healy, to me known, who, being by me duly sworn, did depose and say that said instrument was executed with the authorization of the corporation.

*[Signature]*  
Notary Public



Signature Page to Patent Assignment

PATENT

REEL: 019817 FRAME: 0621

ACCEPTED:

EATON CORPORATION

By: William F. HogsettName: William F. HogsettTitle: Attorney-in-Fact

STATE OF OHIO )

COUNTY OF CUYAHOGA )

SS:

On this 6<sup>th</sup> day of December, 2005, before me personally appeared William F. Hogsett, to me known, who, being by me duly sworn, did depose and say that said instrument was executed with the authorization of the corporation.

Cipriano S. Beredo III  
 Notary Public CIPRIANO S. BEREDO III, Attorney At Law  
 Notary Public, State of Ohio  
 My commission has no expiration date,  
 Section 147.03 O.R.C.

By: Kurt B. McMakenName: Kurt B. McMakenTitle: Attorney-in-Fact

STATE OF OHIO )

COUNTY OF CUYAHOGA )

SS:

On this 6<sup>th</sup> day of December, 2005, before me personally appeared Kurt B. McMaken, to me known, who, being by me duly sworn, did depose and say that said instrument was executed with the authorization of the corporation.

Cipriano S. Beredo III  
 Notary Public CIPRIANO S. BEREDO III, Attorney At Law  
 Notary Public, State of Ohio  
 My commission has no expiration date,  
 Section 147.03 O.R.C.

Signature Page to Patent Assignment

PATENT

REEL: 019817 FRAME: 0622

## PATENT ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, PerkinElmer, Inc., a Massachusetts corporation (the "Asset Seller"), hereby assigns to Eaton Corporation, an Ohio corporation having a place of business at 1111 Superior Avenue, Cleveland, Ohio 44114 ("Buyer"), all of Asset Seller's right, title and interest in and to the below-identified patents, patent applications and the inventions disclosed therein in all countries of the world including any and all reissues, reexaminations and extensions thereof and all divisionals, continuations, and continuations-in-part, including all rights to sue for past infringement, the same to be held and enjoyed by Buyer, its successors and assigns:

### U.S. Patents:

Country	Patent No.	Title	Application Date	Issue Date
US	5,351,971	Brush Seal Device Having a Floating Backplate	6/30/1993	10/4/1994
US	5,368,069	Conduit Joint Assembly	5/28/1993	11/29/1994
US	6,969,071	Face Seal Assembly	8/13/2002	11/29/2005
US	7,004,478	Shallow Metallic S-Seal	12/07/2001	2/28/2006
US	7,044,470	Rotary Face Seal Assembly	7/11/2001	5/16/2006

### Foreign Patents:

Country	Patent No.	Title	Application Date	Issue Date
FR	98 00912	Pipe Clamping Device	1/28/1998	4/13/2000
FR	95 10613	Pressure Energized Metallic Seal Ring	9/11/1995	6/30/2000
FR	01 04564	Metallic Seal	4/4/2001	1/25/2001
FR	98 01830	Pressure Energized Metallic Seal Ring	2/16/1998	5/3/2001
FR	97 15399	Seal Retainer	12/5/1997	1/31/2002
FR	300183	Flexible Slide Joint		8/9/2003
FR	98 09283	Metallic Sealing Ring	7/21/1998	10/10/2003
FR	97 16678	Coaxial Sealing Ring	12/30/1997	5/23/2002
GB	EP0617216	Brush Seal Device Having a Recessed Back Plate	3/18/1994	8/18/1999
GB	9815155.8	Metallic Sealing Ring	7/17/1998	10/31/2001
JP	7260796	Pressure Energized Sealing Rings	9/12/1995	5/21/1999
JP	2,930,897	Pressure Energized Sealing Rings	9/12/1995	5/21/1999
JP	3,604,893	Seal Retainer	12/26/1997	10/8/2004
Singapore	200206878-1	Shallow Metallic S-Seal		9/30/2002



Country	Application No.	Title	Application Date
DE	19753555.0	Coaxial Sealing Ring	12/3/1997
DE	19831667.4	Metallic Sealing Ring	7/10/1998
DE	19754578.5	Pipe Clamping Device	12/9/1997
DE	19754577.7	Pressure Energized Metallic Seal Ring	12/19/1997
DE	19533363.2	Pressure Energized Sealing Ring	9/9/1995
EP	99304064.1	Improved Bush Seal	5/26/1999
EP	96946159.9	Brush Seal Having a Flexible Front Plate	10/4/1996
EU	01961793.5	Accumulator for Liquids	7/26/2001
EU	1958307.9	Rotary Face Seal Assembly	7/12/2001
FR	02 15278	Shallow Metallic S-Seal	
JP	2003/521038	Accumulator for Liquids	7/26/2001
JP	6-050825	Brush Seal Device Having a Recessed Backplate	
JP	515849/97	Brush Seal Having a Flexible Front Plate	10/4/1996
JP	11-243960	Metallic Seal for Low Load Conditions	8/30/1999
JP	203564/98	Metallic Sealing Ring	7/17/1998
JP	2002/509679	Rotary Face Seal Assembly	7/12/2001
PCT	PCT/US2006/010078	Axial Dynamic Brush Seal	3/17/2006
PCT	PCT/US2005/029088	Brush Seal with Spiral Groove Back Plate	8/5/2005
PCT	PCT/US2005/031886	Hydrodynamic Non-Contacting Magnetic Seal	9/8/2005
PCT	PCT/WO99/06673	Improved Bush Seal and Method of Making Same	7/30/1998
US	10/630,779 US2005/0023770	Title: Pressure Energized Metallic Seal	7/31/2003
US	11/301,228	Axial Dynamic Brush Seal	12/17/2005
US	11/091,271	Brush Seal with Spiral Groove Back Plate	3/18/2005
US	10/760,334	Hermetically Sealed Pressure Balanced Accumulator	1/20/2004
US	10/630,779	Pressure Energized Metallic Seal	3/31/2006

Executed as of the 16<sup>th</sup> day of Nov., 2006.

PERKINELMER, INC.

By: *John L. Healy*

Name: John L. Healy

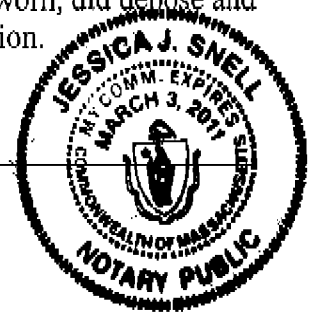
Title: Vice President and Associate General Counsel

STATE OF MASSACHUSETTS )  
COUNTY OF Norfolk )

SS:

On this 16<sup>th</sup> day of November, 2006, before me personally appeared John L. Healy, to me known, who, being by me duly sworn, did depose and say that said instrument was executed with the authorization of the corporation.

*Jessica J. Snell*  
NOTARY PUBLIC  
ACCEPTED:



EATON CORPORATION

By: *Loren H. Uthoff Jr.*

Name: Loren H. Uthoff Jr.

Title: SENIOR PATENT COUNSEL

STATE OF OHIO )  
COUNTY OF CUYAHOGA )

SS:

On this 1<sup>st</sup> day of December, 2006, before me personally appeared Loren H. Uthoff, to me known, who, being by me duly sworn, did depose and say that said instrument was executed with the authorization of the corporation.

*Charlene L. Yost*  
NOTARY PUBLIC

By: CHARLENE L. YOST, Notary Public  
State of Ohio, Cuyahoga County

Name: PATENT  
My Commission Expires June 17, 2007