

01-08-2003

Form PTO-1595
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings ⇌ ⇌ ⇌ ▼

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

102332015 ▼ ▼ ▼

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Paul G. Slade
Erik D. Taylor
Mary Jo J. Vander Heiden

12.14.02

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 8/6/02; 8/6/02 & 8/15/02

2. Name and address of receiving party(ies)

Name: Eaton Corporation

Internal Address: _____

Street Address: Eaton Center

1111 Superior Avenue

City: Cleveland State: OH Zip: 44114

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

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 10/172,281

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

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

Name: Eaton Corporation

Internal Address: _____

Street Address: Eaton Center

1111 Superior Avenue

City: Cleveland State: OH Zip: 44114

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

05-0275

01/07/2003

01 FC:8021

40.00 CH
9. Signature.

Terri F. Mikolajczyk

Name of Person Signing

Signature

December 9, 2002

Date

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

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 013627 FRAME: 0004

ASSIGNMENT

WHEREAS, WE, **Paul G. Slade, Erik D. Taylor and Mary Jo J. Vander Heiden** of 176 Oakwood Lane, Ithaca 14850, the County of Tompkins, State of **New York**; of 600 Warren Road #8-2F Ithaca 14850, in the County of Tompkins, State of **New York**; and of 4351 Steeple View Court, Hubertus 53033, the County of Washington, State of **Wisconsin**, respectively, have invented certain improvements in: **Vacuum Arc Eliminator Having a Bullet Assembly Actuated by a Gas Generating Device** for which we are about to make application for Letters Patent of the United States; and

WHEREAS, **EATON CORPORATION**, a corporation organized and existing under the laws of the State of Ohio, having its principal place of business at Eaton Center, 1111 Superior Avenue, Cleveland, Ohio 44114, is desirous of acquiring an interest therein;

NOW, THEREFORE, for and in consideration of continued employment and/or other undertakings and/or other good and valuable consideration, receipt of which is hereby acknowledged, we, **Paul G. Slade, Erik D. Taylor and Mary Jo J. Vander Heiden**, by these presents do sell, assign, and transfer unto said **EATON CORPORATION**, its successors and assigns, the full and exclusive right in the United States of America and all foreign countries to the said invention as described in the specification executed by us on the 6 day of August, 2002, the 6 day of August, 2002, and the ___ day of _____, 2002, respectively, (and we hereby authorize our attorneys, authorized to prosecute said application, to here insert the filing date and Serial No., of the said application, as soon as it is known, Serial No. 10/172,281, Filed June 14, 2002 preparatory to obtaining Letters Patent of the United States therefor;) said invention, all applications for Letters Patent and all Letters Patent therefor, to be held and enjoyed by the said **EATON CORPORATION**, for its own use and behoof and for its legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made; and we hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of applications for Letters Patent of the United States of America and all foreign countries or, for litigation regarding, or for the purpose

of protecting title to the said invention or Letters Patent therefor for the benefit of our assignee without further or other compensation than that above set forth; and we hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to **EATON CORPORATION**, as assignee thereof.

Paul G. Slade
Paul G. Slade
)
)SS: 167 42 5311
)

STATE OF NEW YORK

COUNTY OF Chemung

On this 6th day of August, 2002, before me personally appeared Paul G. Slade to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Jean M. Harris
Notary Public
My Commission Expires: 11/15/2005

(SEAL)

Jean M. Harris
Notary Public, State of New York
No. 01HA5020439
Qualified in Chemung County
My Commission Expires Nov. 15, 2005

Erik D. Taylor
Erik D. Taylor
)
)SS: 522-94-4203
)

STATE OF NEW YORK

COUNTY OF Chemung

On this 6th day of August, 2002, before me personally appeared Erik D. Taylor to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Jean M. Harris
Notary Public
My Commission Expires: 11/15/2005

(SEAL)

Jean M. Harris
Notary Public, State of New York
No. 01HA5020439
Qualified in Chemung County
My Commission Expires Nov. 15, 2005

STATE OF WISCONSIN

Mary Jo J Vander Heiden

)

)SS:

)

COUNTY OF _____

On this ____ day of _____, 2002, before me personally appeared Mary Jo J Vander Heiden to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Notary Public

My Commission Expires: _____

(SEAL)

ASSIGNMENT

WHEREAS, we **PAUL G. SLADE, ERIK DANIEL TAYLOR** and **MARY JO VANDER HEIDEN**, of 176 Oakwood Lane, Ithaca, in the County of Tompkins, State of New York 14850, 600 Warren Road #8-2F, Ithaca, in the County of Tompkins, State of New York 14850 and 4351 Steeple View Court, Hubertus, in the County of Washington, State of Wisconsin 53033, respectively, have invented certain improvements in: **VACUUM ARC ELIMINATOR HAVING A BULLET ASSEMBLY ACTUATED BY A GAS GENERATING DEVICE**, for which we filed Application Serial No. 10/172,281, for Letters Patent of the United States, having a filing date of **June 14, 2002**; and

WHEREAS, **EATON CORPORATION**, a corporation organized and existing under the laws of the State of Ohio, having its principal place of business at Eaton Center, 1111 Superior Avenue, Cleveland, Ohio 44114, is desirous of acquiring an interest therein;

NOW, THEREFORE, for and in consideration of continued employment and/or other undertakings and/or other good and valuable consideration, receipt of which is hereby acknowledged, we, **PAUL G. SLADE, ERIK DANIEL TAYLOR**, and **MARY JO VANDER HEIDEN**, by these presents do sell, assign, and transfer unto said **EATON CORPORATION**, its successors and assigns, the full and exclusive right in the United States of America and all foreign countries to the said invention as described in the specification executed by us on the _____ day of _____, 2002, _____ day of _____ 2002, 15th day of August, 2002; said invention, all applications for Letters Patent and all Letters Patent therefor, to be held and enjoyed by the said **EATON CORPORATION**, for its own use and behoof and for its legal representatives, to the full end of the term for which said Letters Patent are granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made; and we hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of applications for Letters Patent of the United States of America and all foreign countries or, for litigation regarding, or for the purpose of protecting title to the said invention or Letters Patent therefor for the benefit of our assignee without further or other compensation than that above set forth; and we hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent to **EATON CORPORATION**, as assignee thereof.

PAUL G. SLADE

STATE OF _____)
) SS:
 COUNTY OF _____)

On this _____ day of _____, 2002 before me personally appeared **PAUL G. SLADE** to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

 Notary Public

My Commission Expires: _____

(SEAL)

ERIK DANNEL TAYLOR

STATE OF _____)
) SS:
 COUNTY OF _____)

On this _____ day of _____, 2002 before me personally appeared **ERIK DANNEL TAYLOR** to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

 Notary Public

My Commission Expires: _____

(SEAL)

Mary Jo J. Vander Heiden
MARY JO JOHNSON VANDER HEIDEN

STATE OF Wisconsin)
) SS:
 COUNTY OF Milwaukee)

On this 15 day of August, 2002 before me personally appeared **MARY JO JOHNSON VANDER HEIDEN** to me personally known as the individual who executed the foregoing instrument and who acknowledged to me that he executed the same of his own free will for the purposes therein set forth.

Anna Marie Gump
 Notary Public

My Commission Expires: 8/25/02

(SEAL)

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Application Number	10/172,281
Filing Date	June 14, 2002
First Named Inventor	Paul G. Slade
Group Art Unit	2836
Examiner Name	n/a
Attorney Docket Number	01-EDP-472

Total Number of Pages in This Submission 10

ENCLOSURES (check all that apply)☒ Fee Transmittal Form☐ Fee Attached☐ Amendment / Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☐ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Response to Missing Parts/
Incomplete Application☐ Response to Missing Parts
under 37 CFR 1.52 or 1.53☒ Assignment Papers
(for an Application)☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a
Provisional Application☐ Power of Attorney, Revocation
Change of Correspondence
Address☐ Terminal Disclaimer☐ Request for Refund☐ CD, Number of CD(s) _____☐ After Allowance Communication
to Group☐ Appeal Communication to Board
of Appeals and Interferences☐ Appeal Communication to Group
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s) (please
identify below):

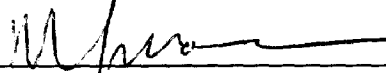
Post Card

Remarks

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENTFirm
or
Individual name

Martin J. Moran

Signature



Date

12/10/02

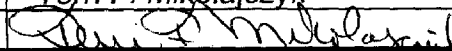
CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 12/10/02

Typed or printed name

Terri F. Mikolajczyk

Signature



Date

12/10/02

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**40.00****Complete if Known**

Application Number	10/172,281
Filing Date	June 14, 2002
First Named Inventor	Paul G. Slade
Examiner Name	2836
Group Art Unit	n/a
Attorney Docket No.	01-EDP-472

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

05-0275

Eaton

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, **except for the filing fee**
to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

		Extra Claims	Fee from below	Fee Paid
Total Claims		-20** = 0	x 18 =	
Independent Claims		-3** = 0	x =	
Multiple Dependent			=	

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

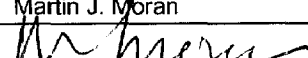
Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)**40.00****SUBMITTED BY**

Name (Print/Type)	Martin J. Moran
Signature	

Registration No. (Attorney/Agent)	26,694
--------------------------------------	--------

Complete (if applicable)

Telephone	412 787-6473
-----------	--------------

Date	12/10/02
------	----------

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 40.00

Complete if Known

Application Number	10/172,281
Filing Date	June 14, 2002
First Named Inventor	Paul G. Slade
Examiner Name	2836
Group Art Unit	n/a
Attorney Docket No.	01-EDP-472

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit Account:Deposit
Account
Number
Deposit
Account
Name

05-0275

Eaton

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
			-20** = 0	X 18 =	
			-3** = 0	X =	

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
103	18	203	9	Claims in excess of 20	
102	84	202	42	Independent claims in excess of 3	
104	280	204	140	Multiple dependent claim, if not paid	
109	84	209	42	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

40.00

SUBMITTED BY

Name (Print/Type)

Martin J. Moran

Registration No.
(Attorney/Agent)

26,694

Complete (if applicable)

Telephone

412 787-6473

Signature

Date

12/10/02

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

RECORDED: 12/16/2002

PATENT
REEL: 013627 FRAME: 0013