

Docket No. 04-PCS-444 (160)

11-09-2007

Form PTO-1595 (Rev. 07/05)
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

103460144

To the Director of the U.S. Patent & Trademark Office

Documents or the new address(es) below

1. Name of conveying party(ies)

SMC Electrical Company, Inc.

2. Name and address of receiving party(ies)

Name: EATON CORPORATION

Internal Address:

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) May 17, 2007

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

Street Address: EATON CENTER
1111 SUPERIOR AVENUE

City: CLEVELAND

State: OHIO

Country: US Zip: 44114

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

4. Application or patent number(s):

A. Patent Application No.(s)

10/558,951

☐ This document is being filed together with a new application.
B. Patent No.(s)Additional numbers attached? ☐ Yes ☒ No

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

Name: Eaton Corporation

Internal Address:

Street Address: 170 Industry Drive
RIDC Park West

City: Pittsburgh

State: PA Zip: 15275

Phone Number: 412.494.3100

Fax Number: 412.494.3387

Email Address: Martin.J.Moran@eaton.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- ☐ 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

November 1, 2007

Date

Martin J. Moran, Reg. No. 26,694
Name of Person Signing

Total number of pages including 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, V.A. 22313-1450

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NOV 02 2007

Assignment

THIS ASSIGNMENT is entered into as of the 17th day of May, 2007, by and between SMC ELECTRICAL COMPANY, INC., a West Virginia corporation of 6072 Ohio River Road, Huntington, West Virginia 25702, (being referred to herein as "Assignor") and EATON CORPORATION, an Ohio Corporation of 1111 Superior Avenue, Cleveland, Ohio 44114 (being referred to herein as "Assignee").

WITNESSETH:

WHEREAS, the Assignor is the owner of United States Patent Application Temporary No. 10/558,951 filed on December 2, 2005 (the "Patent Application"); and

WHEREAS, the Assignee desires to acquire the entire right, title and interest of SMC in and to the Patent Application and any and all inventions disclosed therein

NOW, THEREFORE, for valuable consideration, receipt of which is hereby acknowledged, Assignor hereby sells, assigns and transfers to Assignee the Assignor's entire right, title and interest (including rights to recover for past infringement) in and to the Patent Application, the inventions disclosed therein, and to any and all patents and patent rights for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, which may be granted thereon, and requests the Director - U.S. Patent and Trademark Office to recognize that the Patent Application is now owned by Assignee. In addition to, and not in limitation of the foregoing, Assignor hereby sells, assigns and transfers to the Assignee the Assignor's entire right, title, and interest (including rights to recover for past infringement) in and to the patents and patent applications identified in attached Exhibit "A." Exhibit "A" sets forth the responsibilities as between Assignor and Assignee for further prosecuting and maintaining each such patent or

patent application on and after May 17, 2007. Assignor will execute without further consideration all papers reasonably deemed necessary by Assignee to vest title in Assignee and Assignee's successors and assigns.

IN WITNESS WHEREOF, Assignor and Assignee have executed this Assignment, by proper persons duly authorized.

ASSIGNOR:

SMC Electrical Products, Inc.

Attest: Olive Feany

David Whitt

By: David Whitt

Title: President

Date: MAY 17, 2007

ASSIGNEE:

EATON CORPORATION

Attest: _____

By: _____

Title: _____

Date: _____

Attest: _____

By: _____

Title: _____

Date: _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

STATE OF WEST VIRGINIACOUNTY OF CABELL, TO-WIT:

I, STEVEN R. BARTRAM, a Notary Public in and for the County and State aforesaid, do hereby certify that David Whitt, as President of SMC ELECTRICAL PRODUCTS, INC., whose name is signed to the writing hereto annexed, bearing date the 17th day of May, 2007, has this day acknowledged the same before me in my said County, to be the act and deed of said corporation.

Given under my hand this 17th day of MAY, 2007.

My commission expires AUGUST 8, 2013.



[Signature]
Notary Public

STATE OF _____

COUNTY OF _____, TO-WIT:

I, _____, a Notary Public in and for the County and State aforesaid, do hereby certify that _____, as _____ of Eaton Corporation, whose name is signed to the writing hereto annexed, bearing date the _____ day of May, 2007, has this day acknowledged the same before me in my said County to be the act and deed of said corporation.

Given under my hand this _____ day of _____, 2007.

My commission expires _____.

(NOTARIAL SEAL)

Notary Public

patent application on and after May 17, 2007. Assignor will execute without further consideration all papers reasonably deemed necessary by Assignee to vest title in Assignee and Assignee's successors and assigns.

IN WITNESS WHEREOF, Assignor and Assignee have executed this Assignment, by proper persons duly authorized.

ASSIGNOR:

SMC Electrical Products, Inc.

Attest: _____

By: David Whitt

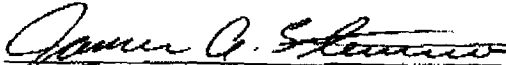
Title: President

Date: _____

ASSIGNEE:

EATON CORPORATION

Attest:  _____


 _____

By: JAMES A. STERNWEIS

Title: VICE PRESIDENT - EATON ELECTRICAL INC.

Date: 5/17/2007

Attest:  _____

 _____

Title: AUTHORIZED REPRESENTATIVE

Date: 5/17/2007

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

STATE OF _____

COUNTY OF _____, TO-WIT:

I, _____, a Notary Public in and for the
County and State aforesaid, do hereby certify that David Whitt, as President of SMC ELECTRICAL
PRODUCTS, INC., whose name is signed to the writing hereto annexed, bearing date the ____ day of
May, 2007, has this day acknowledged the same before me in my said County, to be the act and deed of
said corporation.

Given under my hand this ____ day of _____, 2007.

My commission expires _____.

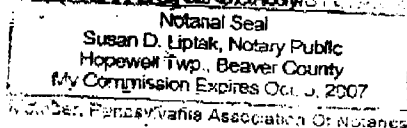
(NOTARIAL SEAL)

Notary PublicSTATE OF Pennsylvania,COUNTY OF Beaver, TO-WIT:I, Susan D. Liptak, a Notary Public in and for the

County and State aforesaid, do hereby certify that James A Sternweis, as
authorized
representative of Eaton Corporation, whose name is signed to the writing hereto annexed,
bearing date the 17th day of May, 2007, has this day acknowledged the same before me in my said
County to be the act and deed of said corporation.

Given under my hand this 17th day of May, 2007.My commission expires October 5, 2007.

(NOTARIAL SEAL)

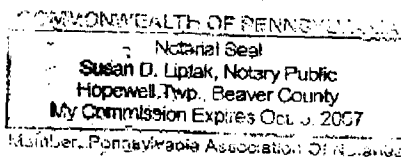
Notary Public

STATE OF PennsylvaniaCOUNTY OF Beaver, TO-WIT:

I, Susan D. Liptak, a Notary Public in and for the
County and State aforesaid, do hereby certify that Jerry R. Whitaker as
authorized representative of Eaton Corporation, whose name is signed to the writing hereto annexed,
bearing date the 1st day of May, 2007, has this day acknowledged the same before me in my said
County to be the act and deed of said corporation.

Given under my hand this 1st day of May, 2007.My commission expires October 5, 2007.Susan D. Liptak

(NOTARIAL SEAL)



05/10/2007 15:34 IFAX faxtemp@iampodell.com

→ srb

012/031

Patent Title: Inverter Bridge Short-Circuit Protection Scheme

File No	City	Status	Application No.	Application Date	Grant No.	Grant Date	Status Remarks	Next Annulity Date	Patent Responsibility after 5-17-07
F177022	PCT	NAT	PCT/US2004/009273	9-Apr-04	W/O 2005/109580	17-Nov-05	PCT Phase concluded	None	none
A0600	US	PEN	10/558,951	2-Dec-05			Awaiting a first Office Action		Eaton
F177001	AU	PEN	2004319473	9-Apr-04			Awaiting a communication from the Australian Patent Office re. Request for Examination.	9-Apr-09	Eaton
F177002	CA	PEN	2562076	9-Apr-04			A request for examination must be filed by 9-Apr-08	9-Apr-08	Eaton
F177016	CN	PEN	200480043001 X	9-Apr-04			Awaiting a first Office Action	Due upon grant	Eaton
F177003	EP	PEN	04821658.8	9-Apr-04			Awaiting a first Office Action	9-Apr-08	Eaton
F177004	JP	PEN	2007-507284	9-Apr-04			Awaiting a first Office Action	Due upon grant	SMC
F177010	MX	PEN	PA/02008/011544	9-Apr-04			Awaiting a first Office Action	Due upon grant	Eaton

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EXHIBIT

A

JAN 2008

PAGE 10/10 * RCVD AT 11/2/2007 9:54:16 AM [Eastern Daylight Time] * SVR:USPTO-EFXXRF-3/19 * DNIS:2738300 * CSID:4124943387 * DURATION (mm-ss):03-48

PATENT

RECORDED: 11/06/2007

REEL: 020109 FRAME: 0209

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