De	ocket No. 04-PCS-444 (160)
Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008) 11-09	-2007 U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
	30144 suments of the new address(es) being
1. Name of conveying party(ies)	
SMC Electrical Company, Inc.	2. Name and address of receiving party(ies)
	I Internal Address:
<u></u>	
Additional name(s) of conveying party(ies) attached? Yes V No	88.7.888
3. Nature of conveyance/Execution Date(s):	
Execution Date(s) May 17, 2007 Assignment Merger	1111 SUPERIOR AVENUE
Security Agreement Change of Name	City: <u>CLEVELAND</u>
Joint Research Agreement	State: OHIO
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: US Zip: 44114
Other	Additional name(s) & address(es) attached? Yes No
4. Application or patent number(s):	document is being filed together with a new application
A. Patent Application No.(s)	B. Patent No.(s)
10/558,951	
	(2007)
Additional numbers a	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Eaton Corporation	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Internal Address:	Authorized to be charged by credit card
	Authorized to be charged to deposit account
Street Address: 170 Industry Drive	☐ Enclosed
RIDC Park West	None required (government interest not affecting title
City: Pittsburgh	8. Payment Information
State: PA Zip: 15275	a. Credit Card Last 4 Numbers
Phone Number:412.494.3100	Expiration Date
Fax Number: 412,494-3387	b. Deposit Account Number <u>05-0275</u>
Email Address: MartinJMoran@eaton.com	Authorized User Name Eaton Corporation
9. Signature:	November 1, 2007
V Signature	Date
Martin J. Moran, Reg. No. 26,69 Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:

11/02/2007 10:11

4124943387

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or malled to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1450

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

PAGE 03

RECEIVED CENTRAL FAX CENTER NOV 0 2 2007

Assignment

THIS ASSIGNMENT is entered into as of the 17 H—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

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PATENT REEL: 020109 FRAME: 0203 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 Feary	- Dail Dhel
	Δ	By: David Whitt Title: President
	_	Date: MAY 17, 2007
		ASSIGNEE:
		EATON CORPORATION
•		
Attest:		
		By:
		Title:
Attest:		
•		By:
		Title:

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

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STATE OF WEST VIACIONA	
COUNTY OF CABLL, 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 an	mexed, bearing date the 1714 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 77 day of MAY	, 2007.
My commission expires	
STEVEN R. BARTRAM	2
STOCKET PUBLIC NOTATY PUBLIC N	elic '
My Convitation Espine Aug. 8, 2013	
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 s	igned to the writing hereto annexed,
bearing date theday of May, 2007, has this day acknowle	edged 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 Pu	blic

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PAGE 6/10* RCVD AT 11/2/2007 9:54:16 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-3/19* DNIS:2738300* CSID:4124943387* DURATION (mm-ss):03-48

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.

A	SS	JG	N	\mathbf{Q}	R:

SMC Electrical Products, Inc.

Attest:	

By: David Whitt Title: President

Date:

ASSIGNEE:

EATON CORPORATION

Attest: Tre Mcklend

By: SAMES A. GREENWEIG

Title: VICE PRESIDENT · ENTON ENECTRACE INC.

Date: 5/17/2007

Attest-

By Y-REL RUHOWAN

Date: 5/17/2007

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

	COUNTY OF	, TO-WIT:	
PRODUCTS, INC., whose name is signed to the writing hereto annexed, bearing date theday, 2007, has this day acknowledged the same before me in my said County, to be the act and deed said corporation. Given under my hand thisday of	ī,		a Notary Public in and for
May, 2007, has this day acknowledged the same before me in my said County, to be the act and deer said corporation. Given under my hand this	County and State aforesaid, d	io hereby certify that David Whitt, as I	President of SMC ELECTRIC
May, 2007, has this day acknowledged the same before me in my said County, to be the act and deer said corporation. Given under my hand this	PRODUCTS, INC., whose na	me is signed to the writing hereto annex	ted, bearing date the day
STATE OF Reacur TO-WIT: I. Suran D. Locate aforesaid, do hereby certify that I mes Afterwee's Locate and deed of said corporation. Given under my hand this Today of Though 2007. My commission expires Notary Public a Notary Public in and for County and State aforesaid, do hereby certify that I mes Afterwee's Locate and Locat			
Given under my hand this			
(NOTARIAL SEAL) Notary Public STATE OF Pansy lunia, COUNTY OF Beauty, TO-WIT: I, Swan D. Color, a Notary Public in and for County and State aforesaid, do hereby certify that James A Hermus, S. Latharized of Baton Corporation, whose name is signed to the writing hereto anner bearing date the 1th day of May, 2007, has this day acknowledged the same before me in my County to be the act and deed of said corporation. Given under my hand this 1th day of Houry 2007. My commission expires October 5, 2007 My commission expires October 5, 2007 Notang Seal Susan D. Links When Dates	-	this day of	
Notary Public STATE OF Range lucia. COUNTY OF Beauty TOWIT: I. Swan D. Collet a Notary Public in and for County and State aforesaid, do hereby certify that lanes A Herawa's Management of Baton Corporation, whose name is signed to the writing hereto anner bearing date the The day of May, 2007, has this day acknowledged the same before me in my County to be the act and deed of said corporation. Given under my hand this That are a control of the commission expires October S, 2007. My commission expires October S, 2007 MY Commission expires October S, 2007			
STATE OF Range lunia, COUNTY OF Beauty, TO-WIT: 1. Julian D. Liplane, a Notary Public in and for County and State aforesaid, do hereby certify that Jemes A Hermune's, sufficient of Baton Corporation, whose name is signed to the writing hereto anner bearing date the Thoday of May, 2007, has this day acknowledged the same before me in my County to be the act and deed of said corporation. Given under my hand this Thoday of July, 2007. My commission expires October S, 2007. Notarian Seal Susan D. Liplane, Notarian Bubble.			
STATE OF Rasy lvaria, COUNTY OF Beauty, TO-WIT: I, Swan D. Columb and for State aforesaid, do hereby certify that temes A Hermus; Justice of Baton Corporation, whose name is signed to the writing hereto anner bearing date the Thoday of May, 2007, has this day acknowledged the same before me in my County to be the act and deed of said corporation. Given under my hand this Thoday of Though 2007. My commission expires October S, 2007 Notania Seal Susan D. Links Notania Seal Susan D. Links Notania Seal			
STATE OF Renew TO-WIT: I. Swan D. County and State aforesaid, do hereby certify that temes A Hermue's problem of Baton Corporation, whose name is signed to the writing hereto anner bearing date the The day of May, 2007, has this day acknowledged the same before me in my County to be the act and deed of said corporation. Given under my hand this The day of Though 1007. My commission expires October S, 2007. Notang Seal Superblustics. Notang Seal Superblustics.	(NOTARIAL SEAL)	Notary Public	
County and State aforesaid, do hereby certify that Jenes A Herney's A Little of Baton Corporation, whose name is signed to the writing hereto anner bearing date the May of May, 2007, has this day acknowledged the same before me in my County to be the act and deed of said corporation. Given under my hand this May of May of May acknowledged the same before me in my 2007. My commission expires October S, 2007 Accounty Public Notary			
County and State aforesaid, do hereby certify that the A Sterning's A	STATE OF /Ennsylu	varia,	
County and State aforesaid, do hereby certify that the A Sterning's A Sterning A Sterning's A Sterning A			
bearing date the May of May, 2007, has this day acknowledged the same before me in my County to be the act and deed of said corporation. Given under my hand this May of	1, Swan	D. Liptuk	a Notary Public in and for
County to be the act and deed of said corporation. Given under my hand this / 7 day of Processing 2007. My commission expires October 5, 2007 Account Notanal Seal Notanal Seal Susan D. Linksky Notanal Seal	1, Swan	D. Liptuk	a Notary Public in and for
Given under my hand this 17 day of Proces 2007. My commission expires October 5, 2007 Acada Zeatar Notanal Seal Susan D. Liniak Notana Batalon Susan D. Liniak Notana Batalon Susan D. Liniak Notana Batalon	I, Juran County and State afores	aid, do hereby certify that	res A Sternweis,
My commission expires October 5, 2007 Acada Zeptur Notanal Seal Susan D. Liniak Notana Bathan	I, Juran County and State afores supposentative of B	said, do hereby certify that far. Baton Corporation, whose name is signed	ed to the writing hereto annex
My commission expires October 5, 2007 Acada Zeptan Notanal Seal Susan D. Linker, Notana Batala Susan D. Linker, Notana Batala	County and State afores County and State afores Conservative of E bearing date the / The day of	Baton Corporation, whose name is signed of May, 2007, has this day acknowledge	ed to the writing hereto annex
Notanal Seal Susan D. Lintak, Notany Public	County and State afores Listing ize of B bearing date the The day of County to be the act and deed	said, do hereby certify that start Baton Corporation, whose name is signed of May, 2007, has this day acknowledge of said corporation.	ed to the writing hereto annexed the same before me in my
Notanal Seal Susan D. Lintak, Notany Dublic	County and State afores Latherized of E bearing date the May of County to be the act and deed Given under my hand	said, do hereby certify that said, do hereby certify that said. Baton Corporation, whose name is signed of May, 2007, has this day acknowledge of said corporation. this 1 day of 1	ed to the writing hereto annexed the same before me in my
Susan D. Liptak, Notary Dublic	County and State afores Lutherized of E bearing date the May of County to be the act and deed Given under my hand	said, do hereby certify that said, do hereby certify that said. Baton Corporation, whose name is signed of May, 2007, has this day acknowledge of said corporation. this 1 day of 1	ed to the writing hereto annexed the same before me in my
PM-RWHITMD Regulate County	County and State afores Letterized of B bearing date the May of County to be the act and deed Given under my hand My commission expire	said, do hereby certify that said, do hereby certify that said. Baton Corporation, whose name is signed of May, 2007, has this day acknowledge of said corporation. this 1 day of 1	ed to the writing hereto annexed the same before me in my

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PAGE 8/10 * RCVD AT 11/2/2007 9:54:16 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-3/19 * DNIS:2738300 * CSID:4124943387 * DURATION (mm-ss):03-48

STATE OF Pennsylvania,	
COUNTY OF Beauce, TO-WIT:	
I, Jusan D. Liptak, a Notary Public in and for the)E
County and State aforesaid, do hereby certify that from a Whitaker,	as
representative of Eaton Corporation, whose name is signed to the writing hereto annexe	d,
bearing date the Little day of May, 2007, has this day acknowledged the same before me in my sa	jđ
County to be the act and deed of said corporation.	
Given under my hand this / Wday of May 2007.	
My commission expires Octo buc 5, 2007	
Deran & Listan.	
(NOTARIAL SEAL)	
Notarial Seal Notarial Seal Susan D. Liptak, Notary Public Hopowell Twp., Beaver County My Commission Expires Oct. J. 2007 Mainter, Ponceytrapia Association of National	

Page 4 of 4

Patent	Title:	Inver	Patent Title: Inverter Bridge Short-Circuit Protection Scheme	Sircuit Protecti	on Scheme				
File No	S S	Ctry Status	Application No.	Application Date	Grant No.	Grant Date	Status Remarks	Next Annuity Date	Patent Responsibilit after 5-17-07
						30 100	DOT Diseas concluded	None	BOOK
F177022	PCT	I AIN	PCT/US2004/009273	9-Apr-04	CA-AGEL (1) DEGENO (SOURCE COM	CO-AON-71	A CONTRACTOR OF THE PARTY OF TH		Enton
****	ā	2	10/558.951	2-Dec-05			CANGERIA & SEAL CLINE CANDO		
F177001	È		2004319473	B-Apr-04			Awating a communication from the Australian Patent Office re. Request for Examination.	9-Apr-09	Eaton
COULCES	3	250	2562076	9-Apr-04			A request for examination must be filed by 9-Apr-08	9-Apr-08	Eaton
11.00	!	-		,			Awaiting a first Office Action	Due upon prant	Eaton
F177016	£	PEN	200480043031.X	8-A01-04			Awaiting a first Office Action	8-Apr-08	Eaton
F177003	g G	PEZ	04821958.8	9-Apr-04				Due upon prent	SMC
F177004	5	PEX	2007-507284	9-Apr-04			Awaring a mai Office Action	Due upon grant	Eaton
F177010 MX	Š	╗	PA/a/2008/011544	9-Apr-04			ANALY STREET		
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EXHIBIT A

RECORDED: 11/06/2007

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