Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
RECORDATION FOR	
PATENTS	SONLY
To the Director of the U.S. Patent and Trademark Office; Please	record the attached documents or the new address(es) below
Name of conveying party(ies):	2. Name and address of receiving party(iss)
Kurt Gerlofs (11/20/2006), Dave Stevens	1
(11/20/2006), Mark Hirsch (11/20/2006), Charles	Name: Eaton Corporation
Bradley (11/20/2006), Additional name(s) of conveying party(tes) attached? X Yes No	Internal Address:
	Street Address:
3. Nature of conveyance/Execution Date(s);	Eaton Center
Execution Date(s): in parentheses after inventor name	1111 Superior Avenue
Assignment Merger Change of Name	
Security Agreement Joint Research Agreement	City: Cleveland
Government Interest Assignment	State: Ohio
Executive Order 9424, Confirmatory License	Country: United States of America Zip: 44114-2584
Rerecord R/F 018580/0360; 2.	Additional name(s) & address(es) Yes X No
X Other Name: Delete (HG) from Assignee Eaton Corporation	attached?
4. Application or patent number(s):	This document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
11/284,668	
Additional numbers attached?	Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Michael B. Stewart RADER, FISHMAN & GRAUER PLLC	7. Total fee (37 CFR 1.21(h) & 3.41) \$
Internal Address: Atty, Dkt.; 65856-0085	Authorized to be charged by credit card
Street Address: 39533 Woodward Avenue	X Authorized to be charged to deposit account
Suite 140	Enclosed
	I H
	None required (government Interest not affecting title)
City: Bloomfield Hills	8. Payment Information
State: MI Zip: 48304	a. Credit Card Last 4 Numbers
Phone Number: (248) 594-0633	Expiration Date
Fax Number: (248) 594-0610	b. Deposit Account Number 18-0013
Email Address: mbs@raderfishman.com	Authorized User Name Michael B. Stewart
9. Signature:)
	December 13, 2006
Signature \(\)	Date
Kenneth W. Jarrell - 52,484	Total number of pages including cover sheet, attachments, and documents;
Name of Person Signing	,
Recordation For	
l hereby certify that this paper (along with any paper referred to as being a Trademark Office, facsimile no. (571) 273-0140, on the data shown below.	(transmitted by facsimile to the Patent and
Dated: December 13, 2006 Signature:	入しりでラル (Victoria L. Wood)

PATENT REEL: 018643 FRAME: 0139

Form PTO-1595 RECORDATION FORM COVER SHEET (continued)			
Additional Convey	ring Party(ies)/Exec	ution Date(s) (1. Continued):	:
Michael J. Huggins (1	1/20/2006), Gerard F. 8	Smith (11/20/2006), and Michael E	E. Lemon (11/27/2006)
Additional Assigne	ees (2. Continued):		
Assignee Name: Internal Address: Street Address:			
City:	State:	Country:	Zip:
Assignee Name: Internal Address; Street Address:			
City:	State:	Country:	Zip:
Assignee Name: Internal Address: Street Address;			
City:	State:	Country:	Zip;
Additional Applicat	tions and/or Patents	(4. Continued):	
Additional Patent Application Numbers 4A. Continued:		Additional Patent Numbers 4B. Continued:	
1 10 00 100	Additional numbers	attached? Yes No)

Docket No.: 65856-0085

RADER, FISHMAN

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OMB No. 0861-0027 (9xp. 8/30/2005)	U.S. DEFARTMENT OF COMMERCE United States Patent and Trademark Office		
RECORDATION FOR			
PATENTS ONLY			
To the Director of the U.S. Patent and Trademerk Office: Please	record the attached documents or the new address(ea) below.		
Name of conveying party(les):	2. Name and address of receiving party(les)		
Kurt Gerlofs (11/20/2006), Dave Stevens	Name: Eston Corporation (HG)		
(11/20/2006), Mark Hirsch (11/20/2006), Charles Bradley (11/20/2006),	Internal Address:		
Additional nemaks) of conveying party(sts) attached? X Yes Mo	Street Address:		
3. Nature of conveyence/Execution Data(a):	1		
Execution Date(s): In parentheses after inventor name	Eaton Center 1111 Superior Avenue		
X Assignment Merger Change of Name	***************************************		
Becurity Agreement Joint Research Agreement	City: Cleveland		
Government Interest Assignment	State: Ohio		
Exacutive Order 9424, Confirmatory License	Country: United States of Americs Zip: 44114-2584		
Other	Additional name(s) & address(ec) Yes X No		
	attached?		
Application or palent number(s): A. Palent Application No.(s)	This document is being filed together with a new application. 1 8. Patent No.(6)		
11/284,668			
Accitional numbers attached?	Yes X No		
5. Name and address to whom correspondence concerning document should be mailed:	8. Total number of applications and patents involved:		
Name: Michael B. Stewart	-		
RADER, FISHMAN & GRAUER PLLC	7. Total fee (37 CFR 1,21(h) & 3.41) \$ 40.00		
RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dkt.: 65856-0085	7. Total fee (37 CFR 1,21(h) & 3.41) \$ 40.00 Authorized to be charged by credit pard		
RADER, FISHMAN & GRAUER PLLC	7. Total fee (37 CFR 1,21(h) & 3.41) \$ 40.00 Authorized to be charged by credit send X Authorized to be charged to deposit account		
RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Did.: 66866-0085 Street Address: 39533 Woodward Avenue	7. Total fee (37 CFR 1,21(h) & 3.41) \$ 40.00 Authorized to be charged by credit pard		
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RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dist.: 65856-0085 Street Address: 39533 Woodward Avenue Suite 140 City: Bioomfield Hills	7. Total fee (37 CFR 1,21(h) & 3.41) \$ 40.00 Authorized to be charged by credit secount X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)		
RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Did: 65866-0085 Street Address: 39533 Woodward Avenue Suite 140 City: Bloomfield Hills State: Mf Zip: 48304 Phone Number: (248) 594-0633	7. Total fee (37 CFR 1,21(h) & 3.41) \$ 40.00 Authorized to be charged by credit pard X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) a. Payment Information a. Credit Card Last 4 Numbers Expiration Date		
RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Did.: 66866-0085 Street Address: 39533 Woodward Avenue Suite 140 City: Bloomfield Hilla State: Mf Zp: 48304 Phone Number: (248) 594-0633 Fax Number: (248) 594-0610	7. Total fee (37 CFR 1,21(h) & 3.41) \$ 40.00 Authorized to be charged by credit out X Authorized to be charged to deposit account Enclosed None required (government interest not affecting liftle) 8. Payment information a. Credit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-0013		
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RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Dist.: 66866-0085 Street Address: 39533 Woodward Avenue Suite 140 City: Bloomfield Hilla State: Mf Zip: 48304 Phone Number: (248) 594-0633 Fax Number: (248) 594-0610 Emeil Address: mbs@raderfishman.com 9. Signature:	7. Total fee (37 CFR 1,21(h) & 3.41) \$ 40.00 Authorized to be charged by credit pard X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment information a. Gredit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-0013 Authorized User Name Michael B. Stewart		
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RADER, FISHMAN & GRAUER PLLC Internal Address: Atty. Did:: 66866-0085 Street Address: 39533 Woodward Avenue Suite 140 City: Bloomfield Hills State: MI Zip: 48304 Phone Number: (248) 594-0633 Fax Number: (248) 594-0610 Emeil Address: mbs@raderfishman.com 9. Signature: Kenneth W. Jarrell - 52,484 Name of Person Signing	7. Total fee (37 CFR 1,21(h) & 3.41) \$ 40.00 Authorized to be charged by credit pard X Authorized to be charged to deposit account Enclosed None required (government interest not affecting title) 8. Payment information a. Gredit Card Last 4 Numbers Expiration Date b. Deposit Account Number 18-0013 Authorized Uter Name Michael B. Stewart November 28, 2008 Pate Total number of pages including over sheet, attachments, and documents:		

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Form PTO-1595 (CONTINUED)			
Additional Conve	ying Party(les)/Exe	cution Date(s) (1. Continued):	
Michael J. Huggins (11/20/2006), Gerard F.	Smith (11/20/2006), and Michael E. Lemo	n (11/27/2006)
Additional Assign	ees (2. Continued):		
Assignae Name:			
Internal Address:			_
Street Addrese:			
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Assignee Name:			
Internal Address:		' -	_
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Street Address:		·	
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Additional Applica	ations and/or Patent	is (4. Continued):	·
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	Additional numbers	a attached? Yee Sto	<u> </u>

DOCKETING! 66868-0086

Assignment
I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, facsimile no. (571) 273-0140, on the date shown below.

Detect: 11 2 3 0 6 Signature: (Victoria L. Wood)

ASSIGNMENT BY INVENTORS

THIS ASSIGNMENT, made this 20^{ti} day of 10^{ti} day of 20^{ti} by Kurt Gerlofs; Dave Stevens; Mark Hirsch; Charles David Bradley; Michael J. Huggins; Gerard F. Smith; and Michael E. Lemon (hereinafter referred to as Assignors), residing at 4555 Sparrow St., Kalamazoo, Michigan; 1289 Mendon Rd., Athens, Michigan; 7105 East T Ave., Vicksburg, Michigan; 24733 29th, Gobles, Michigan; 18 Blanche Ave., Kalamazoo, Michigan; 1440 S. Crooked Lake Drive, Kalamazoo, Michigan; and 174 Pensacola, Battle Creek, Michigan 49017, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in TRANSMISSION AUXILIARY UNIT TIMED SHIFT INHIBITOR, set forth in US Patent Application 11/284,668 for Letters Patent of the United States,; and

WHEREAS, Eaton Corporation, a Corporation organized under and pursuant to the laws of Ohio having its principal place of business at Eaton Center, 1111 Superior Avenue, Cleveland, Ohio 44114-2584 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use

65856-0085

and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

2

65856-0085

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

RADER, FISHMAN & GRAUER PLLC

All practitioners at Customer Number 10291 (listed here):

Loren H. Uthoff, Jr.

31,673

Kevin M. Hinman

35.193

Roger A. Johnston

25,880

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

65856-0085

Kurt Gerlots

Date: 1100/06

United States of America

State of County of

Michigan) 55.

On this 20th personally came

day of November ...,
Kurt Gerlofs

, to me known to be the individual

described in and who executed the foregoing instrument, and acknowledged execution of the same

Notary Public

JADNIH G WESAM HASAY PASA - MUTHAN MACAMATAN COMMEN MACAMATAN SANG 16, 2012 AGENT IN THE COUNTY OF THE AGENT OF THE COUNTY OF THE AGENT OF THE AGENT

REEL: 018643 FRAME: 0146

Dave Stevens

Nov 20th Date:

United States of America

State of

County of

day of

_____, before me , to me known to be the individual

described in and who executed the foregoing instrument, and acknowledged execution

of the same.

adding G wasself Notary Public - Michigan Konstanco Coursy

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MARKA	Meral L	
•	Mark Hirsch	7 1111111111111111111111111111111111111

Date:	11.	20-	126	•
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United States of America

State of

<u> Liciki Cari</u>) ss

County of

KALANAZOO

On this Other day of Mark Hirsch, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

ADMIN G WATCHT

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Date: 11.20.200C

United States of America

State of

MANCHERAND

County of

KACAMAZOO)

On this 🔾 🚉 day of

ටලරු , before me

Charles David Bradley , to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution

of the same.

personally came

ADMIN G WINGHT Hoesy Public - Michigan Kalamonoo Caussy

REEL: 018643 FRAME: 0149

Michael J. Marggins

United States of America

State of

County of

On this SOLU

______, before me

personally came Michael J. Huggins , to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Motory Public - Machigan Motory Public - Machigan Motornation County My Commission Septem Aug 14, 2012 Acting in the County of Kall Authoria

Gerard E. Smith

Date: 11-30-3006

United States of America

State of

CHIGALI) S

County of

<u> (alaharan</u>)

On this Other day of Other day

of the same.

<u>--∕4 A.4 B.A.2</u> Notary Public

MOTH 6 WIGHT

Motory Public - Michigan

Michigan Experience April 14, 2012

Michigan Experience April 14, 2012

of the same.

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ANNIE -
Michael F. Lemon

Date: <u> </u>		
United States of America)	·
State of) ss.:	
County of)	
On this Which day of	1 low	. October c , before me
personally came Micha	ael É. Lemon	, to me known to be the individual
described in and who executed the	foregoing instrumer	nt, and acknowledged execution

JUDITH G WRIGHT
Notary Public - Michigan
Kolomaton County
New Commission Empires Aug 16, 2012
Acting in this County of his August

PATENT REEL: 018643 FRAME: 0152

RECORDED: 12/13/2006