EATON CORP Form 4 January 29, 2010

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Check this box

if no longer subject to Section 16. Form 4 or Form 5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,

obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction 1(b).

OMB APPROVAL

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(Print or Type Responses)

(Last)

(City)

1. Name and Address of Reporting Person * LAUTENBACH NED C

2. Issuer Name and Ticker or Trading

Issuer

5. Relationship of Reporting Person(s) to

Symbol

EATON CORP [ETN]

(First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year)

_X__ Director 10% Owner Other (specify Officer (give title

(Check all applicable)

EATON CENTER, 1111 SUPERIOR 01/27/2010 **AVENUE**

(State)

4. If Amendment, Date Original (Street)

(Zip)

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

below)

CLEVELAND, OH 44114

(City)	(State) (Z	Zip) Table	I - Non-Do	erivative S	Securi	ties Ac	quired, Disposed	of, or Beneficia	lly Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securities onAcquired (A) or			5. Amount of Securities	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
(Instr. 3)	` , ,	any (Month/Day/Year)	Code (Instr. 8)	Disposed of (D) (Instr. 3, 4 and 5)			Beneficially Owned Following		
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(III3u. +)	(IIIsu. +)
Common Shares	01/27/2010		A	1,053 (1)	A	\$ 0	7,860	D	
Common Shares							21,804	I	by trust

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date		4.	5.	6. Date Exer		7. Title a		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if		onNumber	Expiration D		Amount		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	_	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(Instr. 5)	Bene
	Derivative				Securities	S		(Instr. 3	and 4)		Own
	Security				Acquired						Follo
	,				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(IIISti
					4, and 5)						
					4, and 3)						
								A	mount		
						D.	E	01	r		
						Date Exercisable	Expiration Date	Title N	umber		
								of			
				Code V	(A) (D)				hares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
· · · · · · · · · · · · · · · · · · ·	Director	10% Owner	Officer	Other		
LAUTENBACH NED C EATON CENTER 1111 SUPERIOR AVENUE CLEVELAND, OH 44114	X					

Signatures

/s/Kathleen S. O'Connor, as
Attorney-in-Fact
01/29/2010

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) These shares represent restricted shares issued under an Eaton Corporation stock plan and are subject to risk of forfeiture.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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