EATON CORP Form 4 March 02, 2010

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or Expires: January 31, 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Estimated average burden hours per response... 0.5

Form 4 or Form 5 obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address RAWOT BILLIE		g Person *	2. Issuer Name and Ticker or Trading Symbol EATON CORP [ETN]	5. Relationship of Reporting Person(s) to Issuer			
(Last) (I	First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
EATON CENTE AVE	R, 1111 SU	JPERIOR	(Month/Day/Year) 02/26/2010	Director 10% OwnerX_ Officer (give title Other (specification) below) Sr VP and Controller			
`	Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting PersonForm filed by More than One Reporting			
(City) (S	OH 44114 State)	(Zip)	Table I - Non-Derivative Securities Acq	Person			

(City)	(State) (Table Table	e I - Non-D	erivative S	Securi	ities Acq	uired, Disposed of	f, or Beneficial	y Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio	4. Securit on(A) or Di		*	5. Amount of Securities	6. Ownership Form: Direct	7. Nature of Indirect
(Instr. 3)		any	Code	(Instr. 3,	4 and	5)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned Following	Indirect (I) (Instr. 4)	Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Shares	02/26/2010		F	358 <u>(1)</u>	` /	\$ 68.22	28,567	D	
Common Shares							11,409.324 (2)	I	by trustee of ESP

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

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SEC 1474

(9-02)

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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	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration D	Expiration Date		t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative				Securities			(Instr. 3	3 and 4)		Own
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									A manuat		
									Amount		
						Date	Expiration		Or Number		
						Exercisable	Date		Number		
				C + V	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Officer Other Director 10% Owner

RAWOT BILLIE K **EATON CENTER** 1111 SUPERIOR AVE CLEVELAND, OH 44114

Sr VP and Controller

Signatures

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

03/02/2010

**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 were delivered to the issuer to pay for the applicable withholding tax due upon vesting of certain shares of restricted stock.
- (2) These shares are held in the Eaton Savings Plan.

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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