McGill James W Form 4 February 28, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

Number: Expires:

January 31,

2005

0.5

Estimated average

burden hours per

response...

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

Check this box

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 may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * McGill James W			2. Issuer Name and Ticker or Trading Symbol EATON CORP [ETN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)			
EATON CENTER, 1111 SUPERIOR AVE.		UPERIOR	(Month/Day/Year) 02/24/2012	Director 10% OwnerX_ Officer (give title Other (specify below)			
				EVP - Human Resources			
(Street)			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
CLEVELAND	, OH 44114		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned									
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acq Transaction(A) or Disposed of Code (Instr. 3, 4 and 5) (Instr. 8)			d of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)			
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)				
Common Shares	02/24/2012		F	639 (1)	D	\$ 52.09	56,299	D			
Common Shares	02/24/2012		F	959 (1)	D	\$ 52.09	55,340	D			
Common Shares	02/24/2012		M	782	A	\$ 0	56,122	D			
Common Shares	02/24/2012		F	250 (2)	D	\$ 52.09	55,872	D			
Common Shares							8,787.866 <u>(3)</u>	Ι	by trustee of ESP		

Edgar Filing: McGill James W - Form 4

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price Derivat Securit (Instr. 5
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	\$ 0	02/24/2012		M	782	<u>(4)</u>	<u>(4)</u>	Common Shares	782	\$ 0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

McGill James W EATON CENTER 1111 SUPERIOR AVE.

CLEVELAND, OH 44114

EVP - Human Resources

Signatures

/s/Kathleen S. O'Connor, as Attorney-in-Fact 02/28/2012

**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 were delivered to the issuer to pay for the applicable withholding tax due upon vesting of certain restricted stock units.
- (3) These shares are held in the Eaton Savings Plan.
- (4) This field is not applicable.

Reporting Owners 2

Edgar Filing: McGill James W - Form 4

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.