

EATON CORP  
Form 4  
September 11, 2006

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
MILLER JOHN R

(Last) (First) (Middle)

7511 CREEK VIEW TRAIL

(Street)

CHAGRIN FALLS, OH 44023

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
EATON CORP [ETN]

3. Date of Earliest Transaction  
(Month/Day/Year)  
09/07/2006

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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. Code	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)	
				(A) or (D)	Price			
Common Shares	09/07/2006		M	V	2,324	A	\$ 30.91 11,324	D
Common Shares	09/07/2006		S		224	D	\$ 65.96 11,100	D
Common Shares	09/07/2006		S		100	D	\$ 65.95 11,000	D
Common Shares	09/07/2006		S		1,100	D	\$ 65.94 9,900	D
Common Shares	09/07/2006		S		900	D	\$ 65.93 9,000	D

