

EATON CORP  
Form 8-K  
April 18, 2005

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

**FORM 8-K**

**CURRENT REPORT**

**Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934**

Date of Report (Date of earliest event reported): April 18, 2005

**EATON CORPORATION**

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(Exact name of registrant as specified in its charter)

Ohio	1-1396	34-0196300
(State or other jurisdiction of incorporation)	(Commission File Number)	(I.R.S. Employer Identification No.)

Eaton Center  
Cleveland, Ohio

44114

(Address of principal executive offices)

(Zip Code)

(216) 523-5000

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(Registrant's telephone number, including area code)

Check the appropriate box below if the Form 8-K is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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EATON INITIATES NEW SHARE REPURCHASE PROGRAM

Item 8.01. Other Events

On April 18, 2005, Eaton Corporation announced that its Board of Directors approved the repurchase of up to 10 million of the Company's common shares. The press release announcing the new share repurchase program is filed as Exhibit 99.1 and is incorporated herein by reference.

Item 9.01. Financial Statements and Exhibits

Exhibit	Press Release Dated April 18, 2005
99.1	

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

EATON CORPORATION

Date: April 18, 2005

/s/ R.H. Fearon  
R.H. Fearon  
Executive Vice President -  
Chief Financial and Planning Officer