

**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): August 19, 2010

PARKER-HANNIFIN CORPORATION

(Exact Name of Registrant as Specified in Charter)

Ohio
**(State or Other Jurisdiction
of Incorporation)**

1-4982
**(Commission
File Number)**

34-0451060
**(IRS Employer
Identification No.)**

6035 Parkland Blvd.
Cleveland, Ohio
(Address of Principal Executive Offices)

44124-4141
(Zip Code)

Registrant's telephone number, including area code: (216) 896-3000

Not Applicable

(Former name or former address, if changed since last report.)

Check the appropriate box below if the Form 8-K filing 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))

Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

(d) On August 19, 2010, the Board of Directors of Parker-Hannifin Corporation (the "Company") elected each of Robert G. Bohn and Åke Svensson as a director of the Company, effective immediately, for a term expiring at the Annual Meeting of Shareholders in October 2010. The Board of Directors expects to determine committee assignments for Messrs. Bohn and Svensson in October 2010, prior to the expiration of their current terms. Neither Mr. Bohn nor Mr. Svensson is a party to any transaction described in Item 404(a) of Regulation S-K involving the Company or any of its subsidiaries. Messrs. Bohn and Svensson are eligible to participate in the non-employee director compensation arrangements described in the Company's Proxy Statement for its 2009 Annual Meeting of Shareholders.

SIGNATURES

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.

PARKER-HANNIFIN CORPORATION

By: /s/ Thomas A. Piraino, Jr.

Thomas A. Piraino, Jr.

Vice President and Secretary

Date: August 23, 2010