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): November 17, 2016

PARKER-HANNIFIN CORPORATION

(Exact Name of Registrant as Specified in Charter)

Ohio

(State or other jurisdiction of Incorporation or Organization)

1-4982 (Commission File Number) 34-0451060

(I.R.S. Employer Identification No.)

44124-4141 (Zip Code)

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

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.

On November 17, 2016, Jon P. Marten, Executive Vice President – Finance & Administration and Chief Financial Officer of the Company, announced his intention to take a temporary medical leave of absence, effective immediately. The Company currently anticipates that Mr. Marten will return to work during the first quarter of calendar year 2017.

During Mr. Marten's leave of absence, Catherine A. Suever, age 58, Vice President and Controller of the Company, will also serve as the Company's acting Chief Financial Officer and acting principal financial officer. Ms. Suever has been Vice President and Controller of the Company since December 6, 2010.

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.

PARKER-HANNIFIN CORPORATION

By: /s/Joseph R. Leonti Joseph R. Leonti Vice President and Secretary

Date: November 21, 2016