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): March 7, 2014

AngioDynamics, Inc.

(Exact Name of Registrant as Specified in Charter)

Delaware (State or Other Jurisdiction of Incorporation)

000-50761 (Commission File Number)

11-3146460 (IRS Employer Identification No.)

14 Plaza Drive, Latham, New York (Address of Principal Executive Offices)

12110 (Zip Code)

(518) 795-1400

(Registrant's telephone number, including area code)

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:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2 (b))
- o 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.
(b) On March 7, 2014, Mr. Vincent A. Bucci, the non-executive Chairman of the Board of Directors (the "Board") of AngioDynamics, Inc. (the "Company"), delivered notice of his retirement from the Board, effective immediately. Mr. Bucci has been a highly valued member of the Board since January 2007, including serving as Chairman since July 2007, and the Company has benefited greatly from his outstanding service. The Board thanks Mr. Bucci for his dedicated service and wishes him well in his future endeavors. Mr. Bucci's retirement is not the result of any disagreement with the Company.

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.

ANGIODYNAMICS, INC. (Registrant)

Date: March 10, 2014 By: /s/ Stephen A. Trowbridge

Stephen A. Trowbridge

Senior Vice President and General Counsel