

Registrant's telephone number, including area code (631) 694-9555

(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 Principal Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.

On May 13, 2015, Thomas F. O'Neill notified the Board of Directors (the "Board") of MISONIX, INC. (the "Company") that he was resigning from the Board of the Company effective immediately. Mr. O'Neill served as a (b) Director of the Company since 2003. Mr. O'Neill's resignation was not the subject of any disagreement with the Company.

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.

Date: May 13, 2015 MISONIX, INC.

By: /s/ Richard A. Zaremba
Richard A. Zaremba
Senior Vice President
and Chief Financial
Officer