
**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): December 12, 2011

A. O. Smith Corporation

(Exact name of registrant as specified in its charter)

Delaware
(State or other jurisdiction
of incorporation)

1-475
(Commission
File Number)

39-0619790
(IRS Employer
Identification No.)

11270 West Park Place, Milwaukee, Wisconsin 53224-9508
(Address of principal executive offices, including zip code)

(414) 359-4000
(Registrant's telephone number)

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 (see General Instruction A.2. below):

- Written communication 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 204.14a-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 13-e4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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Item 5.02. Departure of Directors or Principal Officers; Election of Directors; Appointment of Principal Officers.

On December 12, 2011, A. O. Smith Corporation (“the Company”) issued a news release announcing that Ajita G. Rajendra was elected to the Board of Directors. A copy of the Company’s news release is attached as Exhibit 99 to this Current Report on Form 8-K (this “Current Report”) and is incorporated by reference herein.

Item 9.01. Financial Statements and Exhibits

The following exhibit is being filed herewith:

99.1 News Release of A. O. Smith Corporation dated December 12, 2011.

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.

A. O. SMITH CORPORATION

Date: December 13, 2011

By: /s/ James F. Stern

James F. Stern
Executive Vice President, General
Counsel and Secretary

A. O. SMITH CORPORATION

Exhibit Index to Current Report on Form 8-K Dated December 12, 2011.

<u>Exhibit Number</u>	<u>Description</u>
99.1	News Release of A. O. Smith Corporation dated December 12, 2011.



News Release

A. O. Smith Corporation PO Box 245008 Milwaukee, WI 53224-9508 414-359-4000 NYSE:AOS

FOR IMMEDIATE RELEASE

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December 12, 2011

Rajendra elected to A. O. Smith Board of Directors

Milwaukee, Wis.—A. O. Smith Corporation (NYSE:AOS) today announced that President and Chief Operating Officer Ajita G. Rajendra has been elected to the company's Board of Directors.

Rajendra was named president of the Milwaukee-based water technology company in August. He is responsible for A. O. Smith's water heater operations in North America, China, Europe, and India as well as the company's water purification business in China and the recently acquired Lochinvar business.

Rajendra joined A. O. Smith as president of its Water Products Company in January 2005. He was named an executive vice president of the corporation in 2006.

Prior to joining A. O. Smith, Rajendra was senior vice president of Kennametal, Inc., of Latrobe, Pa., a manufacturer of industrial cutting tools. He began his career in 1978 with Corning Incorporated, Corning, N.Y., holding a wide range of financial and executive management positions including director of the company's Retail Operations, business director of the Corning Cookware division, and president of the Revere Ware Corporation.

Rajendra is a member of the Board of Directors of Donaldson Company, a manufacturer of filtration products headquartered in Minneapolis, Minn. He was recently elected to a one-year term as chairman of the Air-conditioning, Heating, and Refrigeration Institute (AHRI), one of the largest trade organizations in the nation.

A. O. Smith Corporation, with headquarters in Milwaukee, Wis., is a global leader applying innovative technology and energy-efficient solutions to products marketed worldwide. The company is one of the world's leading manufacturers of residential and commercial water heating equipment, offering a comprehensive product line featuring the best-known brands in North America and China.