Petrarca Mark A Form 4 December 01, 2017

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB Number:

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SECURITIES Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

may continue. See Instruction 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Petrarca Mark A

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Senior Vice Pres. - H.R. & P.A

below)

(Last) (First)

(Middle)

(Zip)

SMITH A O CORP [AOS] 3. Date of Earliest Transaction

Director

10% Owner X_ Officer (give title _ Other (specify

A. O. SMITH

CORPORATION, 11270 WEST

(Street)

(State)

PARK PLACE

(City)

4. If Amendment, Date Original

Filed(Month/Day/Year)

(Month/Day/Year)

11/30/2017

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

MILWAUKEE, WI 53224

(City)	(State)	(Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Own						y Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securit our Dispos (Instr. 3, 4	ed of (5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common Stock	11/30/2017		M	16,600	A	\$ 23.235	99,249	D	
Common Stock	11/30/2017		F	11,312	D	\$ 63.15	87,937	D	
Common Stock	12/01/2017		S	5,288	D	\$ 63.1403	82,649	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of on Derivative Securities Acquired (A or Disposed (D) (Instr. 3, 4, and 5)	Expiration I (Month/Day	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Employee Stock Options (Right to Buy)	\$ 23.235	11/30/2017		M	16,60	0 (1)	02/10/2024	Common Stock	16,600	

Reporting Owners

Reporting Owner Name / Address	Relationships

Director 10% Owner Officer Other

Petrarca Mark A
A. O. SMITH CORPORATION
11270 WEST PARK PLACE
MILWAUKEE, WI 53224

Senior
Vice Pres. H.R. & P.A

Signatures

James F. Stern, Attorney-in-Fact for Mark A.
Petrarca 12/01/2017

**Signature of Reporting Person Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) The employee stock options were granted on 02/10/2014 under the A. O. Smith Combined Incentive Compensation Plan, a transaction exempt under Rule 16b-3. The options became exercisable in three annual installments of 1/3 of the award starting on 02/10/2015.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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