SMITH A O CORP Form 4

October 23, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

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obligations may continue. See Instruction

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1(b).

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

(First) (Last)

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

(Check all applicable)

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

A. O. SMITH CORPORATION, 11270 WEST (Month/Day/Year) 10/22/2007

X_ Officer (give title below)

Director

Other (specify

10% Owner

PARK PLACE

(Street)

10/22/2007

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

MILWAUKEE, WI 53224

(Instr. 3)

Common

Stock

(City) (State) (Zip) 1. Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if

(Middle)

3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 5. Amount of Securities Beneficially Owned **Following**

6. 7. Nature of Ownership Indirect Form: Direct Beneficial (D) or Ownership Indirect (I) (Instr. 4)

(Instr. 4)

Reported (A) Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

1,520

D

37.635

 $3,225.678 \frac{(1)}{}$ D

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

F

(Month/Day/Year)

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

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1. Title of Derivative	2. Conversion	3. Transaction Date (Month/Day/Year)		4. Transactio	5. orNumber	6. Date Exerc Expiration D		7. Title at Amount of		8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(monda, Day, Teal)	(Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/	(Month/Day/Year)		ng	(Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	or Title Nu of	nount umber uares		

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 10/23/2007

**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) Column 5 of Table 1 includes 2.892 shares of Common Stock acquired through automatic reinvestment of quarterly dividends under the A. O. Smith Corporation Dividend Reinvestment Plan.

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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