SMITH MARK D Form 4 April 03, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

Form filed by More than One Reporting

January 31, 2005

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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

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading SMITH MARK D Issuer Symbol SMITH A O CORP [AOS] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) X_ Director 10% Owner Officer (give title Other (specify 3725 WEST GRACE AVENUE 04/02/2007 below) (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person

MEQUON, WI 53092

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 4. Securities Acquired 5. Amount of 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) Owned (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4) (A) Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price Common 1,576 \$ 04/02/2007 A 5,459 D (1) 38.085 Stock

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Person

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	2.	3. Transaction Date (Month/Day/Year)		4.	5.	6. Date Exercises Date Expiration Da		7. Title and Amount of	8. Price of	9. Nu Deriv
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Monun Day/Year)	(Month/Day/Year)	Transacti Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	e s	Expiration Date (Month/Day/Year)		Derivative Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	, ,		Expiration Date	Title Amount or Number of		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
SMITH MARK D 3725 WEST GRACE AVENUE MEQUON, WI 53092	X						

Signatures

W. David Romoser, Attorney-in-Fact for Mark D.
Smith
04/03/2007

**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) Payment of portion of retainer in stock under the A. O. Smith Corporation Directors' Compensation Plan based on the market price of the Common Stock on April 2, 2007.

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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