SMITH MARK D Form 4 April 15, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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January 31, 2005

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response...

if no longer subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

Check this box

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).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * SMITH MARK D

3725 WEST GRACE AVENUE

2. Issuer Name and Ticker or Trading Symbol

Issuer

(Check all applicable)

5. Relationship of Reporting Person(s) to

(First) (Middle) SMITH A O CORP [AOS] 3. Date of Earliest Transaction

(Month/Day/Year)

04/14/2009

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

6. Individual or Joint/Group Filing(Check

below)

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

Code

(Instr. 8)

Applicable Line)

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

Person

MEQUON, WI 53092

(City) (State) (Zip) 1.Title of 2. Transaction Date 2A. Deemed

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 4. Securities Acquired 5. Amount of (Month/Day/Year) Execution Date, if

(A)

Transaction(A) or Disposed of (D) (Instr. 3, 4 and 5)

Securities Beneficially Owned

7. Nature of Ownership Indirect Form: Direct Beneficial (D) or Ownership

(Instr. 4)

Following Indirect (I) (Instr. 4)

Reported

11,318

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

Common Stock

Security

(Instr. 3)

04/14/2009

3,253 A 27.675

D

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

(Month/Day/Year)

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.

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 Exerci Expiration Da		7. Title and Amount of	8. Price of Derivative	9. Nu Deriv
Security (Instr. 3)	or Exercise Price of Derivative Security	(Monus Day/Tear)	execution Date, if any (Month/Day/Year)	Code (Instr. 8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Y e		Underlying Securities (Instr. 3 and 4)	Security (Instr. 5)	Secur Bene Owne Follo Repo Trans (Instr
				Code V	(A) (D)		Expiration Date	Title Amount or Number of Shares		

Reporting Owners

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

Signatures

James F. Stern, Attorney-in-Fact for Mark D. Smith

04/15/2009

**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 14, 2009.

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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