

SMITH A O CORP  
Form 4  
January 29, 2007

**FORM 4**

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

OMB APPROVAL

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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. Name and Address of Reporting Person \*  
**ROMOSER W DAVID**

(Last) (First) (Middle)

**A. O. SMITH CORPORATION, 11270 WEST PARK PLACE**

(Street)

**MILWAUKEE, WI 53224**

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**SMITH A O CORP [AOS]**

3. Date of Earliest Transaction (Month/Day/Year)  
**01/25/2007**

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**Senior VP, Gen. Counsel & Sec**

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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)			
			Code	V	Amount	(A) or (D)	Price			
Common Stock	01/25/2007		M <sup>(1)</sup>		2,625	A	\$ 29.0313	59,162	D	
Common Stock	01/25/2007		M <sup>(1)</sup>		8,725	A	\$ 13.563	67,887	D	
Common Stock	01/25/2007		M <sup>(1)</sup>		8,050	A	\$ 15.135	75,937	D	
Common Stock	01/25/2007		M <sup>(1)</sup>		4,675	A	\$ 26.88	80,612	D	
Common Stock	01/25/2007		M <sup>(1)</sup>		4,475	A	\$ 28.7	85,087	D	

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Common Stock	01/25/2007	<u>S(2)</u>	200	D	\$ 38.05	84,887	D
Common Stock	01/25/2007	<u>S(2)</u>	100	D	\$ 38.06	84,787	D
Common Stock	01/25/2007	<u>S(2)</u>	600	D	\$ 38.07	84,187	D
Common Stock	01/25/2007	<u>S(2)</u>	2,400	D	\$ 38.08	81,787	D
Common Stock	01/25/2007	<u>S(2)</u>	300	D	\$ 38.09	81,487	D
Common Stock	01/25/2007	<u>S(2)</u>	2,500	D	\$ 38.1	78,987	D
Common Stock	01/25/2007	<u>S(2)</u>	3,100	D	\$ 38.12	75,887	D
Common Stock	01/25/2007	<u>S(2)</u>	100	D	\$ 38.13	75,787	D
Common Stock	01/25/2007	<u>S(2)</u>	800	D	\$ 38.14	74,987	D
Common Stock	01/25/2007	<u>S(2)</u>	5,000	D	\$ 38.15	69,987	D
Common Stock	01/25/2007	<u>S(2)</u>	1,800	D	\$ 38.16	68,187	D
Common Stock	01/25/2007	<u>S(2)</u>	400	D	\$ 38.17	67,787	D
Common Stock	01/25/2007	<u>S(2)</u>	800	D	\$ 38.18	66,987	D
Common Stock	01/25/2007	<u>S(2)</u>	300	D	\$ 38.19	66,687	D
Common Stock	01/25/2007	<u>S(2)</u>	3,400	D	\$ 38.2	63,287	D
Common Stock	01/25/2007	<u>S(2)</u>	800	D	\$ 38.21	62,487	D
Common Stock	01/25/2007	<u>S(2)</u>	500	D	\$ 38.23	61,987	D
Common Stock	01/25/2007	<u>S(2)</u>	400	D	\$ 38.231	61,587	D
Common Stock	01/25/2007	<u>S(2)</u>	100	D	\$ 38.24	61,487	D
Common Stock	01/25/2007	<u>S(2)</u>	1,730	D	\$ 38.25	59,757	D
	01/25/2007	<u>S(2)</u>	870	D	\$ 38.26	58,887	D

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Common Stock							
Common Stock	01/25/2007	S <sup>(2)</sup>	700	D	\$ 38.27	58,187	D
Common Stock	01/25/2007	S <sup>(2)</sup>	1,100	D	\$ 38.28	57,087	D
Common Stock	01/25/2007	S <sup>(2)</sup>	100	D	\$ 38.3	56,987	D
Common Stock	01/25/2007	S <sup>(2)</sup>	300	D	\$ 38.31	56,687	D

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

**Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.**

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(9-02)

**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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (Right to Buy) <sup>(3)</sup>	\$ 29.0313	01/25/2007		M <sup>(1)</sup>	2,625	10/12/2000 10/13/2009	Common Stock	2,625	
Employee Stock Options (Right to Buy) <sup>(4)</sup>	\$ 13.563	01/25/2007		M <sup>(1)</sup>	8,725	10/09/2001 10/10/2010	Common Stock	8,725	
Employee Stock Options (Right to Buy) <sup>(5)</sup>	\$ 15.135	01/25/2007		M <sup>(1)</sup>	8,050	10/08/2002 10/09/2011	Common Stock	8,050	

Employee Stock Options (Right to Buy) <u>(6)</u>	\$ 26.88	01/25/2007	M <sup>(1)</sup>	4,675	10/10/2003	10/11/2012	Common Stock	4,675
Employee Stock Options (Right to Buy) <u>(7)</u>	\$ 28.7	01/25/2007	M <sup>(1)</sup>	4,475	10/06/2004	10/07/2013	Common Stock	4,475

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ROMOSER W DAVID A. O. SMITH CORPORATION 11270 WEST PARK PLACE MILWAUKEE, WI 53224			Senior VP, Gen. Counsel & Sec	

## Signatures

W. David  
Romoser

01/29/2007

  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) The exercises reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on October 10, 2006.
- (2) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on October 10, 2006.
- (3) Granted on October 13, 1999, under the A. O. Smith Corporation Long-Term Executive Incentive Compensation Plan, a Rule 16b-3 Plan.
- (4) Granted on October 10, 2000, under the A. O. Smith Corporation Long-Term Executive Incentive Compensation Plan, a Rule 16b-3 Plan.
- (5) Granted on October 9, 2001, under the A. O. Smith Corporation Long-Term Executive Incentive Compensation Plan, a Rule 16b-3 Plan.
- (6) Granted on October 11, 2002, under the A. O. Smith Combined Executive Incentive Compensation Plan, a Rule 16b-3 Plan.
- (7) Granted on October 7, 2003, under the A. O. Smith Combined Executive Incentive Compensation Plan, a Rule 16b-3 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.