

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u><b>ROMOSER W DAVID</b></u>  (Last) (First) (Middle) <u><b>A. O. SMITH CORPORATION</b></u> <u><b>11270 WEST PARK PLACE</b></u>  (Street) <u><b>MILWAUKEE WI 53224</b></u>  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u><b>SMITH A O CORP [ AOS ]</b></u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director 10% Owner Officer (give title below) Other (specify below) <u><b>Senior VP, Gen. Counsel &amp; Sec</b></u>
	3. Date of Earliest Transaction (Month/Day/Year) <u><b>01/25/2007</b></u>	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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

