## FORM 4

# UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

	Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
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### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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										

Estimated average burden	
hours per response:	0.5

1. Name and Address of Reporting Person*          ROMOSER W DAVID         (Last)       (First)         (Middle)         A. O. SMITH CORPORATION				suer Name <b>and</b> Tick IITH A O CO ate of Earliest Trans 25/2007	<u>RP</u> [ AOS	]		tionship of Reportin all applicable) Director Officer (give title below) Senior VP, Ger	10% ( Other below	Dwner (specify )	
11270 WEST PA	RK PLACE		A If	Amendment Date (		d (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable				
(Street) MILWAUKEE (City)	WI (State)	53224 (Zip)	4. 11.	Amenument, Date (	o Ongina File	u (Month/Day/ Year)	Line)	Form filed by One Form filed by Mon Person	e Reporting Pers	son	
	Та	ble I - No	on-Derivative	Securities Ac	quired, Dis	sposed of, or Benefi	cially	Owned			
Date			2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) o Disposed Of (D) (Instr. 3, 4 a		5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership	

	(Month/Day/Year)	if any (Month/Day/Year)	Code (Instr. 8)					Beneficially Owned Following Reported	(D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)	
			Code	v	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		(	
Common Stock	01/25/2007		<b>M</b> <sup>(1)</sup>		2,625	A	\$29.0313	59,162	D		
Common Stock	01/25/2007		<b>M</b> <sup>(1)</sup>		8,725	A	\$13.563	67,887	D		
Common Stock	01/25/2007		<b>M</b> <sup>(1)</sup>		8,050	A	\$15.135	75,937	D		
Common Stock	01/25/2007		<b>M</b> <sup>(1)</sup>		4,675	A	\$26.88	80,612	D		
Common Stock	01/25/2007		<b>M</b> <sup>(1)</sup>		4,475	A	\$28.7	85,087	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		200	D	\$38.05	84,887	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		100	D	\$38.06	84,787	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		600	D	\$38.07	84,187	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		2,400	D	\$38.08	81,787	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		300	D	\$38.09	81,487	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		2,500	D	\$38.1	78,987	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		3,100	D	\$38.12	75,887	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		100	D	\$38.13	75,787	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		800	D	\$38.14	74,987	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		5,000	D	\$38.15	69,987	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		1,800	D	\$38.16	68,187	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		400	D	\$38.17	67,787	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		800	D	\$38.18	66,987	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		300	D	\$38.19	66,687	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		3,400	D	\$38.2	63,287	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		800	D	\$38.21	62,487	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		500	D	\$38.23	61,987	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		400	D	\$38.231	61,587	D		
Common Stock	01/25/2007		<b>S</b> <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		<b>S</b> <sup>(2)</sup>		870	D	\$38.26	58,887	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		700	D	\$38.27	58,187	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		1,100	D	\$38.28	57,087	D		
Common Stock	01/25/2007		<b>S</b> <sup>(2)</sup>		100	D	\$38.3	56,987	D		

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																	
1. Title of Security (Instr. 3) 2. Trans Date (Month/)					action 2A. Deemed Execution Date, if any (Month/Day/Year)		Transaction Disposed C Code (Instr.		es Acquired Of (D) (Instr		<ul> <li>Securit Benefic Owned</li> </ul>	5. Amount of Securities Beneficially Owned Following Reported		7. Nature of Indirect Beneficial Ownership (Instr. 4)			
									Code	v	Amount	(A) or (D) Price		Transad (Instr. 3	ction(s)		(instr. 4)
Common Stock					5/2007			<b>S</b> <sup>(2)</sup>		300	D	\$38.3	1 56	5,687	D		
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)	erivative Conversion Date Executio ecurity or Exercise (Month/Day/Year) if any		med	4. Transaction Code (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)						8. Price of Derivative Security (Instr. 5) Beneficially Owned Following Reported Transaction (Instr. 4)		hip of Indirect Beneficial Ownership (Instr. 4)			
					Code	v	(A)	(D)	Date Exercisa		Expiration Date	Title	Amount or Number of Shares				
Employee Stock Options (Right to Buy) <sup>(3)</sup>	<b>\$</b> 29.0313	01/25/2007			<b>M</b> <sup>(1)</sup>			2,625	10/12/20	000	10/13/2009	Common Stock	2,625	\$0	90,958	D	
Employee Stock Options (Right to Buy) <sup>(4)</sup>	\$13.563	01/25/2007			<b>M</b> <sup>(1)</sup>			8,725	10/09/20	001	10/10/2010	Common Stock	8,725	\$0	82,233	D	
Employee Stock Options (Right to Buy) <sup>(5)</sup>	\$15.135	01/25/2007			<b>M</b> <sup>(1)</sup>			8,050	10/08/20	002	10/09/2011	Common Stock	8,050	\$0	74,183	D	
Employee Stock Options (Right to Buy) <sup>(6)</sup>	\$26.88	01/25/2007			<b>M</b> <sup>(1)</sup>			4,675	10/10/20	003	10/11/2012	Common Stock	4,675	\$0	69,508	D	
Employee Stock Options (Right to Buy) <sup>(7)</sup>	\$28.7	01/25/2007			<b>M</b> <sup>(1)</sup>			4,475	10/06/20	004	10/07/2013	Common Stock	4,475	\$0	65,033	D	

#### Explanation of Responses:

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.

### **Remarks:**

#### W. David Romoser

\*\* Signature of Reporting Person

01/29/2007

Date

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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