SMITH A O CORP Form 4 July 23, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

Number: 3235-0287

Expires: January 31, 2005

Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

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)

1. Name and Address of Reporting Person ** RETTLER STEVE W			2. Issuer Name and Ticker or Trading Symbol SMITH A O CORP [AOS]	5. Relationship of Reporting Person(s) to Issuer		
(Last) A. O. SMITH CORPORATIO PARK PLACE	· ·	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 07/20/2007	(Check all applicable) Director 10% Owner _X Officer (give title Other (specibelow) Senior Vice President - CD		
MILWAUKER	(Street)	4	4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Secui	rities Acqu	ired, Disposed of	, or Beneficiall	y 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. Securi or(A) or Di (Instr. 3,	ispose	d of (D)	5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	or	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	07/20/2007		M	9,650	A	\$ 15.135	16,900	D	
Common Stock	07/20/2007		S	100	D	\$ 50.33	16,800	D	
Common Stock	07/20/2007		S	100	D	\$ 50.34	16,700	D	
Common Stock	07/20/2007		S	100	D	\$ 50.35	16,600	D	
Common Stock	07/20/2007		S	100	D	\$ 50.36	16,500	D	

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Common Stock	07/20/2007	S	300	D	\$ 50.39 16,200	D
Common Stock	07/20/2007	S	100	D	\$ 50.42 16,100	D
Common Stock	07/20/2007	S	200	D	\$ 50.43 15,900	D
Common Stock	07/20/2007	S	300	D	\$ 50.45 15,600	D
Common Stock	07/20/2007	S	200	D	\$ 50.46 15,400	D
Common Stock	07/20/2007	S	500	D	\$ 50.47 14,900	D
Common Stock	07/20/2007	S	100	D	\$ 50.48 14,800	D
Common Stock	07/20/2007	S	100	D	\$ 50.49 14,700	D
Common Stock	07/20/2007	S	1,200	D	\$ 50.5 13,500	D
Common Stock	07/20/2007	S	700	D	\$ 50.51 12,800	D
Common Stock	07/20/2007	S	100	D	\$ 50.52 12,700	D
Common Stock	07/20/2007	S	100	D	\$ 50.57 12,600	D
Common Stock	07/20/2007	S	100	D	\$ 50.62 12,500	D
Common Stock	07/20/2007	S	5,000	D	\$ 50.66 7,500	D
Common Stock	07/20/2007	S	50	D	\$ 50.68 7,450	D
Common Stock	07/20/2007	S	200	D	\$ 50.72 7,250	D

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

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SEC 1474 (9-02)

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 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. Transactic Code (Instr. 8)	Securities		Expiration Date (Month/Day/Year) red sed of 3, 4,		7. Title and Underlying (Instr. 3 and	Securities
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (Right to Buy) (1)	\$ 15.135	07/20/2007		M		9,650	10/08/2002	10/09/2011	Common Stock	9,650

Reporting Owners

Reporting Owner Name / Address	Relationsnips					
	Director	10% Owner	Officer	Other		

RETTLER STEVE W A. O. SMITH CORPORATION 11270 WEST PARK PLACE MILWAUKEE, WI 53224

Senior Vice President - CD

Signatures

James F. Stern, Attorney-in-Fact for Steve W. Rettler

07/23/2007

**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) Granted on 10/09/2001 under the A. O. Smith Corporation Long-Term Executive Incentive Compensation Plan, a transaction exempt under Rule 16b-3.

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.

Reporting Owners 3