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 Number:

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OMB APPROVAL

Section 16. Form 4 or Form 5 obligations may continue.

See Instruction

Check this box

if no longer

subject to

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 * KITA JOHN J

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Last)

(First) (Middle) SMITH A O CORP [AOS]

(Check all applicable)

(Street)

3. Date of Earliest Transaction (Month/Day/Year)

Director 10% Owner

A. O. SMITH

CORPORATION, 11270 WEST

07/20/2007

Other (specify _X__ Officer (give title below)

Senior V.P., Corp. Fin. & Cont

PARK PLACE

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

MILWAUKEE, WI 53224

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	red, 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. Transactic Code (Instr. 8)	4. Securi corr Dispo (Instr. 3,	sed of 4 and (A) or	` '	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)
Common Stock	07/20/2007		M	6,300	A	\$ 29.031	18,097	D	
Common Stock	07/20/2007		M	9,650	A	\$ 15.135	27,747	D	
Common Stock	07/20/2007		S	3,450	D	\$ 50.1354	24,297	D	
Common Stock	07/20/2007		S	2,500	D	\$ 50.2037	21,797	D	
Common Stock	07/20/2007		S	100	D	\$ 50.34	21,697	D	

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Common Stock	07/20/2007	S	100	D	\$ 50.35	21,597	D
Common Stock	07/20/2007	S	100	D	\$ 50.37	21,497	D
Common Stock	07/20/2007	S	200	D	\$ 50.39	21,297	D
Common Stock	07/20/2007	S	200	D	\$ 50.42	21,097	D
Common Stock	07/20/2007	S	200	D	\$ 50.43	20,897	D
Common Stock	07/20/2007	S	100	D	\$ 50.45	20,797	D
Common Stock	07/20/2007	S	100	D	\$ 50.46	20,697	D
Common Stock	07/20/2007	S	400	D	\$ 50.47	20,297	D
Common Stock	07/20/2007	S	100	D	\$ 50.49	20,197	D
Common Stock	07/20/2007	S	1,500	D	\$ 50.5	18,697	D
Common Stock	07/20/2007	S	900	D	\$ 50.51	17,797	D
Common Stock	07/20/2007	S	100	D	\$ 50.52	17,697	D
Common Stock	07/20/2007	S	100	D	\$ 50.56	17,597	D
Common Stock	07/20/2007	S	100	D	\$ 50.57	17,497	D
Common Stock	07/20/2007	S	100	D	\$ 50.62	17,397	D
Common Stock	07/20/2007	S	5,000	D	\$ 50.66	12,397	D
Common Stock	07/20/2007	S	100	D	\$ 50.68	12,297	D
Common Stock	07/20/2007	S	100	D	\$ 50.72	12,197	D
Common Stock	07/20/2007	S	100	D	\$ 50.73	12,097	D
Common Stock	07/20/2007	S	300	D	\$ 50.78	11,797	D

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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.

SEC 1474 (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. Transactic 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)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (Right to Buy) (1)	\$ 29.031	07/20/2007		M	6,300	10/12/2000	10/13/2009	Common Stock	6,300
Employee Stock Options (Right to Buy) (2)	\$ 15.135	07/20/2007		M	9,650	10/08/2002	10/09/2011	Common Stock	9,650

Reporting Owners

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

KITA JOHN J

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

Senior V.P., Corp. Fin. & Cont

Signatures

James F. Stern, Attorney-in-Fact for John
J. Kita
07/23/2007

**Signature of Reporting Person Date

Reporting Owners 3

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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 10/13/1999 under the A. O. Smith Corporation Long-Term Executive Incentive Compensation Plan, a transaction exempt under Rule 16b-3.
- (2) 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.