COLE MICHAEL J

Form 4

December 18, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB

3235-0287 Number: Expires:

OMB APPROVAL

January 31, 2005

0.5

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

Form 5 obligations may continue. See Instruction

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

1(b).

12/17/2008

Stock

(Print or Type R	Responses)											
1. Name and A COLE MICI	2. Issuer Name and Ticker or Trading Symbol SMITH A O CORP [AOS]					ng	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
						ansaction			(Check all applicable) Director 10% OwnerX_ Officer (give title Other (specify below)			
					endment, Date Original nth/Day/Year)				6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
NANJING, F4 210005									Form filed by More than One Reporting Person			
(City)	(State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned											
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Date 2A. Deemed		3. Transactio Code (Instr. 8)		on(A) or Di (Instr. 3,	Securities Acquired (a) or Disposed of (D) (b) nstr. 3, 4 and 5) (A) (B) or (B) or (C) Price		5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership 7. Nature Form: Direct Indirect (D) or Beneficia Indirect (I) Ownershi (Instr. 4) (Instr. 4)		
Common Stock	12/17/2008			S	•	8,420	D		17,837	D		
Common Stock	12/17/2008			S		11	D	\$ 29.82	17,826	D		
Common Stock	12/17/2008			S		233	D	\$ 29.85	17,593	D		
Common Stock	12/17/2008			S		211	D	\$ 29.86	17,382	D		

S

300

D

29.86

17,082

D

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Common Stock					\$ 29.88		
Common Stock	12/17/2008	S	325	D	\$ 29.89	16,757	D
Common Stock	12/17/2008	S	100	D	\$ 29.9	16,657	D
Common Stock	12/17/2008	S	600	D	\$ 29.91	16,057	D
Common Stock	12/17/2008	S	200	D	\$ 29.95	15,857	D
Common Stock	12/17/2008	S	400	D	\$ 29.96	15,457	D
Common Stock	12/17/2008	S	200	D	\$ 29.97	15,257	D
Common Stock	12/17/2008	S	100	D	\$ 29.98	15,157	D
Common Stock	12/17/2008	S	100	A	\$ 29.99	15,057	D
Common Stock	12/17/2008	S	900	D	\$ 30.02	14,157	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)

1. Title of Derivative Security (Instr. 3)	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transact Code (Instr. 8)	5. ionNumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	.	ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)
			Code V	7 (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

COLE MICHAEL J A. O. SMITH (CHINA) INVESTMENT CO., LTD. NO. 49 SOUTH ZHONGSHAN RD., 46TH FLOOR NANJING, F4 210005

Senior Vice President - Asia

Signatures

James F. Stern, Attorney-in-Fact for Michael J. Cole

12/18/2008

**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).

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