STERN JAMES F Form 4 February 14, 2012

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

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

obligations

may continue.

See Instruction

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **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).

(Print or Type Responses)

1. Name and Address of Reporting Person * STERN JAMES F

2. Issuer Name and Ticker or Trading Symbol

SMITH A O CORP [AOS]

3. Date of Earliest Transaction

(Month/Day/Year) 02/13/2012

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

A. O. SMITH

(Last)

(Instr. 3)

CORPORATION, 11270 WEST PARK PLACE

Director 10% Owner Other (specify X_ Officer (give title

below)

Exec VP, General Counsel & Sec

(Street)

(First)

(Middle)

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

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

MILWAUKEE, WI 53224

(City) (State) (Zip) 1. Title of 2. Transaction Date 2A. Deemed Security

3. 4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code (Month/Day/Year) (Instr. 8)

Disposed of (D) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I) (Instr. 4) (Instr. 4)

Reported (A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

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

Conversion

Derivative

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if Transaction of Derivative Expiration Date

5. Number

6. Date Exercisable and

7. Title and Amount of 8 Underlying Securities

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)		(Instr. 3 and 4)	
				Code V	(A) (I	D) Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (Right to Buy)	\$ 45.97	02/13/2012		A	9,000	<u>(1)</u>	02/13/2022	Common Stock	9,000
Restricted Stock Units	\$ 45.97	02/13/2012		A	3,200	(2)	(2)	Common Stock	3,200

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

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

Exec VP, General Counsel & Sec

Signatures

Wendy L. Grant, Attorney-in-Fact for James F. Stern

02/14/2012

**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) The employee stock options were granted on 02/13/2012 under the A. O. Smith Combined Incentive Compensation Plan, a transaction exempt under Rule 16b-3. The options become exercisable in three annual installments of 1/3 of the award starting on 02/13/2013.
- (2) The restricted stock units were granted on 02/13/2012 under the A. O. Smith Combined Incentive Compensation Plan, a transaction exempt under Rule 16b-3. The restricted stock units become payable in Common Stock on the vesting date of 02/13/2015.

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.

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