STERN JAMES F Form 4 February 11, 2013

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

OMB APPROVAL

OMB 3235-0287 Number:

Expires:

January 31, 2005

Estimated average burden hours per

response... 0.5

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

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

1(b).

(Last)

(Print or Type Responses)

See Instruction

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

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Middle)

SMITH A O CORP [AOS]

(Check all applicable)

A. O. SMITH

(First)

CORPORATION, 11270 WEST PARK PLACE

3. Date of Earliest Transaction

(Month/Day/Year) 02/08/2013

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

Exec VP, General Counsel & Sec

(Street)

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) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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. Securities Acquir oror Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D)		(D)	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	02/08/2013		M	5,100 (1)	A	<u>(1)</u>	35,486	D			
Common Stock	02/11/2013		S	2,207 (2)	D	\$ 69.6375	33,279	D			

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

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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)	Code	5. Number iom 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)		8. Pr Deriv Secu (Inst
			Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Units	<u>(1)</u>	02/08/2013	M	5,100	<u>(1)</u>	<u>(1)</u>	Common Stock	5,100	\$ (

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

02/11/2013

**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).
- 5,100 Restricted Stock Units were granted on 02/08/2010, under the A. O. Smith Combined Incentive Compensation Plan, a transaction (1) excempt under Rule 16b-3. 5,100 Restricted Stock Units vested on 02/08/2013. As of result of vesting, the Company is obligated to deliver 5,100 shares of Common Stock to the reporting person.
- (2) The reporting person sold these shares to obtain funds to pay the withholding taxes due as a result of the vesting of the restricted stock units described in footnote (1).

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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