SEC Form 4	
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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

	Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL									
OMB Number:	3235-0287								
Estimated average burden									
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1. Name and Address of Reporting Person* BEDNAR RANDALL S			2. Issuer Name and Ticker or Trading Symbol <u>SMITH A O CORP</u> [AOS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner							
	(First) (Middle) TH CORPORATION		3. Date of Earliest Transaction (Month/Day/Year) 10/20/2009	x	Officer (give title below) Senior Vice Presid	Other (specify below)					
11270 WEST PARK PLACE (Street) MILWAUKEE WI 53224			4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Indiv Line) X	idual or Joint/Group Filing Form filed by One Repo Form filed by More than Person	orting Person					
(City)	(State)	(Zip)									
	Table L. Non-Derivative Securities Acquired Disposed of or Beneficially Owned										

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 Disposed Of 5)	Acquired (D) (Instr	(A) or . 3, 4 and	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership	
			Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)	
Common Stock	10/20/2009		S		1,300	D	\$43.77	13,151	D		
Common Stock	10/20/2009		S		1,000	D	\$43.78	12,151	D		
Common Stock	10/20/2009		S		200	D	\$43.79	11,951	D		
Common Stock	10/20/2009		S		200	D	\$43.8	11,751	D		
Common Stock	10/20/2009		S		500	D	\$43.82	11,251	D		
Common Stock	10/20/2009		S		400	D	\$43.84	10,851	D		
Common Stock	10/20/2009		S		100	D	\$43.89	10,751	D		
Common Stock	10/20/2009		S		800	D	\$43.9	9,951	D		
Common Stock	10/20/2009		S		400	D	\$43.92	9,551	D		
Common Stock	10/20/2009		S		400	D	\$43.95	9,151	D		
Common Stock	10/20/2009		S		400	D	\$44.12	8,751	D		
Common Stock	10/20/2009		S		35	D	\$44.13	8,716	D		
Common Stock	10/20/2009		S		400	D	\$44.16	8,316	D		
Common Stock	10/20/2009		S		100	D	\$44.19	8,216	D		
Common Stock	10/20/2009		S		400	D	\$44.21	7,816	D		
Common Stock	10/20/2009		S		100	D	\$44.29	7,716	D		
Common Stock	10/20/2009		S		100	D	\$44.3	7,616	D		
Common Stock	10/20/2009		S		400	D	\$44.31	7,216	D		
Common Stock	10/20/2009		S		100	D	\$44.33	7,116	D		
Common Stock	10/20/2009		S		100	D	\$44.36	7,016	D		
Common Stock	10/20/2009		s		100	D	\$44.39	6,916	D		

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. Transaction 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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				

James F. Stern, Attorney-in-Fact for Randall S. Bednar

10/21/2009

** Signature of Reporting Person Date

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

 * 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.

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 Number.