MASSA RC Form 4	ONALD E									
May 22, 200	)7									
FORM	ΠД							OMB AF	PPROVAL	
	UNITED	STATES SE	ECURITIES A Washington,			NGE CO	OMMISSION	OMB Number:	3235-0287	
Check this box if no longer of the TENTENTE OF CHANGES IN DENERICIAL ON NEEDSHIP OF							Expires:	January 31, 2005		
subject t Section	subject to STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP C Section 16. SECURITIES						ERSHIP OF	Estimated average burden hours per		
Form 4 orresponseForm 5Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,obligationsSection 17(a) of the Public Utility Holding Company Act of 1935 or Sectionsee Instruction30(h) of the Investment Company Act of 1940										
(Print or Type	Responses)									
1. Name and A MASSA RO	Address of Reporting ONALD E	Sy	. Issuer Name <b>and</b> mbol			-0	5. Relationship of I ssuer	Reporting Pers	son(s) to	
<i>(</i> <b>-</b> ),	SMITH A O CORP [AOS]					(Check	k all applicable)			
	TH CORPORATE OGY CENTER,	(M 05	Date of Earliest Tr tonth/Day/Year) 5/21/2007	ransaction			Director _X Officer (give t selow) Executiv			
	(Street)	4. ]	If Amendment, Da	ate Origina	l	$\epsilon$	6. Individual or Joi	nt/Group Filin	g(Check	
MILWAU	ed(Month/Day/Year					Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting				
						F	Person			
(City)	(State)	(Zip)	Table I - Non-E	Derivative	Securi	ities Acqui	red, Disposed of,	or Beneficial	ly Owned	
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution Data	1 、		D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)			
Common Stock	05/21/2007		М	23,400	A	\$ 18.313	51,006	D		
Common	05/21/2007		М	26.000		¢ 26 00	77.000	D		

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S

S

S

26,900 A

21,801 D

D

D

399

3,200

05/21/2007

05/21/2007

05/21/2007

05/21/2007

Stock

Stock

Stock

Stock

Common

Common

Common

\$ 26.88 77,906

\$ 39.01 55,706

\$ 39.02 52,506

56,105

\$ 39

D

D

D

D

Common Stock	05/21/2007	S	1,500	D	\$ 39.03 51,006	D
Common Stock	05/21/2007	S	100	D	\$ 39.04 50,906	D
Common Stock	05/21/2007	S	900	D	\$ 39.05 50,006	D
Common Stock	05/21/2007	S	400	D	\$ 39.06 49,606	D
Common Stock	05/21/2007	S	200	D	\$ 39.07 49,406	D
Common Stock	05/21/2007	S	3,100	D	\$ 39.08 46,306	D
Common Stock	05/21/2007	S	3,800	D	\$ 39.09 42,506	D
Common Stock	05/21/2007	S	100	D	\$ 39.1 42,406	D
Common Stock	05/21/2007	S	900	D	\$ 39.11 41,506	D
Common Stock	05/21/2007	S	400	D	\$ 39.12 41,106	D
Common Stock	05/21/2007	S	1,800	D	\$ 39.13 39,306	D
Common Stock	05/21/2007	S	1,498	D	\$ 39.14 37,808	D
Common Stock	05/21/2007	S	602	D	\$ 39.15 37,206	D
Common Stock	05/21/2007	S	1,100	D	\$ 39.16 36,106	D
Common Stock	05/21/2007	S	100	D	\$ 39.17 36,006	D
Common Stock	05/21/2007	S	1,400	D	\$ 39.18 34,606	D
Common Stock	05/21/2007	S	600	D	\$ 39.19 34,006	D
Common Stock	05/21/2007	S	1,900	D	\$ 39.2 32,106	D
Common Stock	05/21/2007	S	700	D	\$ 39.21 31,406	D
Common Stock	05/21/2007	S	100	D	\$ 39.24 31,306	D
	05/21/2007	S	500	D	\$ 39.25 30,806	D

Common Stock							
Common Stock	05/21/2007	S	500	D	\$ 39.26	30,306	D
Common Stock	05/21/2007	S	300	D	\$ 39.27	30,006	D
Common Stock	05/21/2007	S	100	D	\$ 39.3	29,906	D
Common Stock	05/21/2007	S	500	D	\$ 39.31	29,406	D

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.

# 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. Transactio Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Derivative Expiration Date Securities (Month/Day/Year) Acquired (A) or Disposed of (D) (Instr. 3, 4,		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)	\$ 18.313	05/21/2007		М	23,400	10/05/1999	10/06/2008	Common Stock	23,400
Employee Stock Options (Right to Buy) (2)	\$ 26.88	05/21/2007		М	26,900	10/10/2003	10/11/2012	Common Stock	26,900

## **Reporting Owners**

 Reporting Owner Name / Address
 Relationships

 Director
 10% Owner
 Officer
 Other

MASSA RONALD E A. O. SMITH CORPORATE TECHNOLOGY CENTER 12100 WEST PARK PLACE MILWAUKEE, WI 53224

### Signatures

Kenneth J. Maciolek, Attorney-in-Fact for Ronald E.

Massa

\*\*Signature of Reporting Person

05/22/2007 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) Options were granted on 10/06/1998 under the A. O. Smith Corporation 1990 Long-Term Executive Incentive Compensation Plan, a Rule 16b-3 Plan.
- (2) Options were granted on 10/11/2002 under the A. O. Smith Combined Executive Incentive Compensation Plan, a Rule 16b-3 Plan.

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.

Executive Vice President