Petrarca Ma Form 5	rk A										
February 12											
FORM	15							-	PPROVAL		
		RITIES AND EXCHANGE COMMISSIO				OMB Number:	3235-0362				
Check thi no longer	subject	Washington, D.C. 20549						Expires:	January 31, 2005		
to Section Form 4 or 5 obligati may cont	r Form ANN ons inue.	ANNUAL STATEMENT OF CHANGES IN BEN OWNERSHIP OF SECURITIES						Estimated a burden hou response	average Irs per		
See Instruction 1(b).Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934,Form 3 HoldingsSection 17(a) of the Public Utility Holding Company Act of 1935 or SectionReported Form 430(h) of the Investment Company Act of 1940Transactions ReportedReported											
Petrarca Mark A Symbol			1	Name and Ticker or Trading I A O CORP [AOS]				5. Relationship of Reporting Person(s) to Issuer			
(Last)	(Month/D 12/31/20			ement for Issuer's Fiscal Year Ended h/Day/Year) /2006			(Check all applicable) <u></u> Director <u></u> 10% Owner <u></u> Officer (give title <u></u> Other (specify below) <u></u> below)				
A. O. SMIT CORPORA PARK PLA	TION, 11270 W						Senior Vic	e President-HR			
	nendment, Date Ionth/Day/Year)	endment, Date Original				6. Individual or Joint/Group Reporting					
		× ·					(chec	k applicable line	)		
MILWAUF	KEE, WI 5322	4					_X_ Form Filed by Form Filed by 2 Person	One Reporting P More than One R			
(City)	(State)	(Zip) Ta	ble I - Non-Der	vivative Sec	curitie	s Acqu	ired, Disposed o	f, or Beneficial	lly Owned		
1.Title of Security (Instr. 3)	2. Transaction Data (Month/Day/Year)		Code	4. Securi Acquired Disposed (Instr. 3, Amount	d (A) of d of (D 4 and (A) or	))	5. Amount of Securities Beneficially Owned at end of Issuer's Fiscal Year (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
Common Stock	Â	Â	Â	Â	Â	Â	4,742.786 (1)	D	Â		
Reminder: Rep	port on a separate line	for each class of	Persons w	ho respor	nd to	the co	llection of info	rmation	SEC 2270		

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

Persons who respond to the collection of informationSEC 2270contained in this form are not required to respond unless(9-02)the form displays a currently valid OMB control number.(9-02)

 Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

 (e.g., puts, calls, warrants, options, convertible securities)

## Edgar Filing: Petrarca Mark A - Form 5

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)		
				(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
FB	Director 10% Owner		Officer	Other			
Petrarca Mark A A. O. SMITH CORPORATION 11270 WEST PARK PLACE MILWAUKEE, WI 53224	Â	Â	Senior Vice President-HR & PA	Â			
Signatures							
W. David Romoser, Attorney-in-Fact for Mark A. Petrarca			02/12/2007				
<u>**</u> Signature of Reporting	Person		Date				
Exploration of Boonanaca							

## **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) Column 5 of Table 1 includes 4.797 shares of Common Stock acquired through automatic reinvestment of quarterly dividends under the A. O. Smith Corporation Dividend Reinvestment Plan.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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.