Polk Steven R Form 4 May 24, 2010

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).

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

(Print or Type Responses)

(Last)

1. Name and Address of Reporting Person * Polk Steven R

> (First) (Middle)

C/O SOURCEFIRE, INC., 9770 PATUXENT WOODS DRIVE

(Street)

2. Issuer Name and Ticker or Trading Symbol

SOURCEFIRE INC [FIRE]

3. Date of Earliest Transaction (Month/Day/Year) 05/20/2010

4. If Amendment, Date Original

Α

Filed(Month/Day/Year)

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

(Check all applicable) X_ Director 10% Owner Officer (give title Other (specify below) 6. Individual or Joint/Group Filing(Check Applicable Line)

5. Relationship of Reporting Person(s) to

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

Issuer

COLUMBIA, MD 21046

(City) (State) (Zip)

3. 4. Securities 5. Amount of

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

Beneficially Owned Following Reported Transaction(s)

28,442

(Instr. 3 and 4)

Securities

Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

6. Ownership 7. Nature of

(A) or Code V Amount (D)

5,561

(1)

Price

D

Common Stock

05/20/2010

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)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	5. 6. Date Exercisable and		7. Title and		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amount	of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day	Year)	Underlyi	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative			Securities		(Instr. 5)	Bene
	Derivative				Securities Acquired			(Instr. 3 and 4)			Own
	Security									Follo	
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								٨	mount		
						Date Expiration		or Title Number			
						Exercisable	Date	of			
				Code V	(A) (D)				hares		

Reporting Owners

Relationships Reporting Owner Name / Address Director 10% Owner Officer Other Polk Steven R C/O SOURCEFIRE, INC. X 9770 PATUXENT WOODS DRIVE COLUMBIA, MD 21046

Signatures

/s/ Brian F. Leaf, 05/24/2010 attorney-in-fact

**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).

This grant was made pursuant to the issuer's non-employee director compensation policy. As a continuing director, the Reporting Person was awarded a number of shares equal to \$100,000 divided by \$17.98, the closing price of the issuer's common stock on the date of the grant, May 20, 2010. The shares underlying this restricted stock award will vest in full on the earlier of (i) May 20, 2011 or (ii) the date immediately preceding the date of the issuer's 2011 annual meeting of stockholders.

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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