Cristinziano Michael Form 4 May 24, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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OMB APPROVAL

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Check this box

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

1(b).

(Last)

(City)

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * Cristinziano Michael

(First)

(Street)

(State)

(Middle)

(Zip)

2. Issuer Name and Ticker or Trading Symbol

SOURCEFIRE INC [FIRE]

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

4. If Amendment, Date Original

Filed(Month/Day/Year)

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

6. Individual or Joint/Group Filing(Check Applicable Line)

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

COLUMBIA, MD 21046

| | | | | | | | 1, | , , , , , , , , , , , , , , , , , , , , | • |
|------------------------|--------------------------------------|------------------|--------------------------------|---------------------|-----------|-------------------------|---------------------------|-----------------------------------------|------------|
| 1.Title of Security | 2. Transaction Date (Month/Day/Year) | 3. Transactio | 4. Securities nAcquired (A) or | | | 5. Amount of Securities | 6. Ownership Form: Direct | 7. Nature of Indirect | |
| (Instr. 3) | ` , | any | Code | Disposed of (D) | | | Beneficially | (D) or | Beneficial |
| | | (Month/Day/Year) | (Instr. 8) | (Instr. 3, 4 and 5) | | | Owned | Indirect (I) | Ownership |
| | | | | | | Following | (Instr. 4) | (Instr. 4) | |
| | | | | , | (A) | | Reported | | |
| | | | | | (A) | | Transaction(s) | | |
| | | | Code V | | or (D) | Price | (Instr. 3 and 4) | | |
| Common Stock | 05/20/2010 | | A | 5,561 (1) | A | \$0 | 22,313 | D | |
| Common Stock | 05/20/2010 | | A | 515 (2) A | A | \$0 | 22,828 | 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 | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exerc | cisable and | 7. Title | and | 8. Price of | 9. Nu |
|-------------|-------------|---------------------|--------------------|-------------------|------------------------|---------------|-----------------|--------------------|--------|-------------|--------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | TransactionNumber | | Expiration D | ate | Amount | t of | Derivative | Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Underly | ing | Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Securitie | es | (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) | | | | | | |
| | | | | | | | | Λ. | mount | | |
| | | | | | | | | | mount | | |
| | | | | | | Date | Expiration Date | or Title Number of | | | |
| | | | | | | Exercisable | | | | | |
| | | | | C + V | (A) (D) | | | | | | |
| | | | | Code V | (A) (D) | | | S | hares | | |

Reporting Owners

Relationships Reporting Owner Name / Address 10% Owner Officer Other Director

Cristinziano Michael C/O SOURCEFIRE, INC. 9770 PATUXENT WOODS DRIVE COLUMBIA, MD 21046

X

Signatures

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

**Signature of Reporting Person

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 **(1)** 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.
- This grant was made pursuant to the issuer's non-employee director compensation policy for the Reporting Person's service on the Board of Directors for the period from March 25, 2010 through May 19, 2010. The shares underlying this restricted stock award were vested in

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