### HAYWOOD GEORGE WEAVER Form SC 13G/A February 14, 2006

SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

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SCHEDULE 13G/A (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13D-1 (b),(c) AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2

(Amendment No. 4) \*

NEOSE TECHNOLOGIES, INC. (Name of Issuer)

Common Stock, par value \$.01 per share (Title of Class of Securities)

640522108 (CUSIP Number)

February 13, 2006 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed.

- [ ] Rule 13d-1(b)
- [X] Rule 13d-1(c)
- [ ] Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 640522108

13G

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1. NAME OF REPORTING PERSONS
 I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY)
 George W. Haywood

| 2. CHECK TH                                     | E APPROPRIATE                                    | BOX IF A MEMBER OF A GROUP                        | (SEE INSTRU (a) [ ] (b) [ ] | CTIONS)       |
|---|--|---|-----------------------------|---------------|
| 3. SEC USE                                      | ONLY   |   |                             |               |
| 4. CITIZENS<br>U.S.A                            | HIP OR PLACE C                                   | OF ORGANIZATION                                   |                             |               |
| SHARES  |  | SOLE VOTING POWER                                 |                             | 1,466,545 (1) |
| BENEFICIALI OWNED BY EACH REPORTING PERSON WITH | 6.   | SHARED VOTING POWER                               |                             | 208,000 (2)   |
|   | н 7.   | SOLE DISPOSITIVE POWER                            |                             | 1,466,545 (1) |
|   | 8.   | SHARED DISPOSITIVE POWER                          |                             | 208,000 (2)   |
| 5.1%  |  | SENTED BY AMOUNT IN ROW 9  SON (SEE INSTRUCTIONS) |                             |               |
|   | 3,545 shares<br>ts shares owne                   | owned by children.<br>ed by spouse.               |                             |               |
|   |  | 2   |                             |               |
| Item 1(a).                                      | Name of Issu                                     | der:  |                             |               |
|   | Neose Technologies, Inc.                         |   |                             |               |
| Item 1(b).                                      | Address of Issuer's Principal Executive Offices: |   |                             |               |
|   | 102 Witmer Road, Horsham, Pennsylvania 19044     |   |                             |               |
| Item 2(a).                                      | Name of Person Filing:                           |   |                             |               |
|   | George W. Haywood                                |   |                             |               |

Item 2(c). Citizenship:

U.S.A

Item 2(d). Title of Class of Securities:

Common Stock, par value \$.01 per share

Item 2(e). CUSIP Number

640522108

- Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:
  - (a) [ ] Broker or dealer registered under Section 15 of the Exchange Act.
  - (b)[] Bank as defined in Section 3(a) (6) of the Exchange Act.
  - (c) [] Insurance company as defined in Section 3(a)(19) of the Exchange Act.
  - (d) [ ] Investment company registered under Section 8 of the Investment Company Act.
  - (e)[] An investment adviser in accordance with Rule 13d-1(b)(1) (ii)(E).
  - (f) [ ] An employee benefit plan or endowment fund in accordance with Rule 13d-1 (b) (1) (ii) (F).
  - (g) [ ] A parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G).
  - (h) [ ] A savings association as defined in Section 3 (b) of the Federal Deposit Insurance Act.

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- (i)[] A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act.
- (j)[] Group, in accordance with Rule 13d-1(b)(1)(ii)(J).
- Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issue identified in Item  $1. \,$ 

(a) Amount Beneficially Owned:

1,674,545

(b) Percent of Class:

5.1%

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote: 1,466,545

(ii) shared power to vote or to direct vote:

208,000

(iii) sole power to dispose or to direct the disposition of: 1,466,545

(iv) shared power to dispose or to direct the disposition of: 208,000

Item 5. Ownership of Five Percent or Less of a Class.

Not applicable.

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Included as shares for which there exist sole voting and dispositive power are 3,545 shares owned by Mr. Haywood's minor children, which children would have the right to the receipt of dividends from, and the proceeds from the sale of, such shares.

Included as shares for which there exist shared voting and dispositive power are 208,000 shares owned by Mr. Haywood's spouse, which spouse would have the right to the receipt of dividends from, and proceeds for the sale of, such shares.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported On By the Parent Holding Company or Control Person.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

Not applicable.

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Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

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After reasonable inquiry and to the best of my knowledge and belief,  $\mbox{\it I}$  certify that the information set forth in this statement is true, complete and correct.

February 14, 2006 -----(Date)

/s/George W. Haywood -----(Signature)

George W. Haywood
----(Name/Title)

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