SMITH JOHN F Form 4 March 02, 2010

FORM 4

Section 16.

Form 4 or

Form 5

1(b).

(Last)

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

Check this box if no longer subject to

(Middle)

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

(Print or Type Responses)

SOUTHPOINTE, 275

TECHNOLOGY DRIVE

1. Name and Address of Reporting Person * SMITH JOHN F

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

ANSYS INC [ANSS]

3. Date of Earliest Transaction

Filed(Month/Day/Year)

(Month/Day/Year) 03/01/2010

4. If Amendment, Date Original

Officer (give title _ Other (specify below)

5. Relationship of Reporting Person(s) to

(Check all applicable)

10% Owner

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

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

_X__ Director

Issuer

X Form filed by One Reporting Person Form filed by More than One Reporting

CANONSBURG, PA 15317

| (City) | (State) | (Zip) Tab | le I - Non-l | Derivative | Secur | ities Acqui | red, Disposed of | or Beneficial | ly Owned |
|--------------------------------------|---|---|--|--|-------|--------------|--|--|---|
| 1.Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transactio Code (Instr. 8) | 4. Securities Acquired (A) our Disposed of (D) (Instr. 3, 4 and 5) (A) or | | | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | | | Code V | Amount | (D) | Price | (Ilisti. 3 alid 4) | | |
| Common Stock | 03/01/2010 | | M | 12,000 | A | \$ 3.521 | 41,832 | D | |
| Common Stock | 03/01/2010 | | S | 12,000 | D | <u>(1)</u> | 29,832 | D | |
| Common Stock | 03/01/2010 | | M | 11,000 | A | \$ 7.102 | 40,832 | D | |
| Common Stock | 03/01/2010 | | S | 11,000 | D | <u>(1)</u> | 29,832 | D | |
| Common Stock | 03/01/2010 | | M | 27,000 | A | \$ 9.4701 | 56,832 | D | |

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Common Stock 03/01/2010 S 27,000 D (1) 29,832 D

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)

| 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. Transactic Code (Instr. 8) | 5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) | | 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 |
| Option To Purchase | \$ 3.521 | 03/01/2010 | | M | 12,000 | (2) | 05/09/2011 | Common Stock | 12,000 |
| Option To Purchase | \$ 7.102 | 03/01/2010 | | M | 11,000 | <u>(3)</u> | 05/15/2013 | Common Stock | 11,000 |
| Option To Purchase | \$ 9.4701 | 03/01/2010 | | M | 27,000 | <u>(4)</u> | 05/13/2014 | Common Stock | 27,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | | |
|---|---------------|-----------|---------|-------|--|--|
| Troporting O William Community | Director | 10% Owner | Officer | Other | | |
| SMITH JOHN F SOUTHPOINTE 275 TECHNOLOGY DRIVE CANONSBURG, PA 15317 | X | | | | | |

Signatures

Colleen Zak Hess, Attorney-in-Fact 03/02/2010

**Signature of Reporting Person Date

Reporting Owners 2

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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).
- The trade was executed in a series of transactions with a price range of \$44.00 to \$44.20, inclusive, with a weighted average price of \$44.0875. The reporting person undertakes to provide to ANSYS, Inc., any security holder of ANSYS, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the ranges set forth in this footnote.
- (2) The option grant of 48,000 shares granted on 05/09/2001 vests 25% annually in equal installments beginning on the first anniversary of the grant.
- (3) The option grant of 48,000 shares granted on 05/15/2003 vests 25% annually in equal installments beginning on the first anniversary of the grant.
- (4) The option grant of 48,000 shares granted on 05/13/2004 vests 25% annually in equal installments beginning on the first anniversary of the grant.

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.