

CASHMAN JAMES E III
 Form 4
 May 12, 2010

FORM 4

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

OMB APPROVAL

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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)

1. Name and Address of Reporting Person *
CASHMAN JAMES E III

(Last) (First) (Middle)
**SOUTHPOINTE, 275
 TECHNOLOGY DRIVE**
 (Street)

CANONSBURG, PA 15317

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
ANSYS INC [ANSS]

3. Date of Earliest Transaction (Month/Day/Year)
05/10/2010

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner
 Officer (give title below) Other (specify below)
President and CEO

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 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 (A) or (D) Price | | | |
| Common Stock | 05/10/2010 | | M | 75,000 A \$ 5.625 | 425,153 | D | |
| Common Stock | 05/10/2010 | | S | 75,000 D ① | 350,153 | D | |
| Common Stock | 05/11/2010 | | M | 25,000 A \$ 5.625 | 375,153 | D | |
| Common Stock | 05/11/2010 | | S | 25,000 D ② | 350,153 | D | |

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

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(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. Transaction Code (Instr. 8) | 5. Number of Derivative 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) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Option to Purchase | \$ 5.625 | 05/10/2010 | | M | 75,000 | ⁽³⁾ 02/06/2012 | Common Stock | 75,000 |
| Option to Purchase | \$ 5.625 | 05/11/2010 | | M | 25,000 | ⁽³⁾ 02/06/2012 | Common Stock | 25,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-------------------|-------|
| | Director | 10% Owner | Officer | Other |
| CASHMAN JAMES E III SOUTHPOINTE 275 TECHNOLOGY DRIVE CANONSBURG, PA 15317 | X | | President and CEO | |

Signatures

Sheila S. DiNardo,
Attorney-in-Fact

05/12/2010

**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).

(1) The trade was executed in a series of transactions with a price range of \$44.13 to \$44.74, inclusive, with a weighted average price of \$44.37471. 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 trade was executed in a series of transactions with a price range of \$44.67 to \$45.20, inclusive, with a weighted average price of \$44.923942. 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.

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- (3) The option grant of 320,000 shares granted on 02/06/2002 vests 25% annually in equal installments beginning on the first anniversary of the grant date.

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.