

CASHMAN JAMES E III  
 Form 4  
 August 12, 2009

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
 Estimated average burden hours per response... 0.5

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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)  
**08/10/2009**

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 Ownership (Instr. 4)
			Code	V	Amount (A) or Price (D)		
Common Stock	08/10/2009		M		25,344 A \$ 2.5625	339,887	D
Common Stock	08/10/2009		S		25,344 D 2.5625	314,543	D
Common Stock	08/11/2009		M		29,312 A \$ 2.5625	343,855	D
Common Stock	08/11/2009		S		29,312 D 2.5625	314,543	D
Common Stock	08/11/2009		M		588 A \$ 2.8594	315,131	D

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Common Stock 08/11/2009 S 588 D (3) 314,543 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. 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
Options to Purchase	\$ 2.5625	08/10/2009		M	25,344	(4) 01/28/2010	Common Stock	25,344
Options to Purchase	\$ 2.5625	08/11/2009		M	29,312	(5) 01/28/2010	Common Stock	29,312
Options to Purchase	\$ 2.8594	08/11/2009		M	588	(6) 02/02/2011	Common Stock	588

## 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

Colleen Zak Hess,  
Attorney-in-Fact 08/12/2009

\*\*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 \$36.15 to \$36.74, inclusive, with a weighted average price of \$36.325356. 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 \$35.75 to \$35.89, inclusive, with a weighted average price of \$35.825135. 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.

(3) The trade was executed in a series of transactions with a price range of \$35.75 to \$35.89, inclusive, with a weighted average price of \$35.825135. 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.

(4) The option grant of 400,000 shares was made on 01/28/2000 and vests 25% annually in equal installments beginning on the first anniversary of the grant date.

(5) The option grant of 400,000 shares was made on 01/28/2000 and vests 25% annually in equal installments beginning on the first anniversary of the grant date.

(6) The option grant of 400,000 shares was made on 02/02/2001 and 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.

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