

HEINEN ROGER J JR
 Form 4
 May 24, 2007

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 *
 HEINEN ROGER J JR

(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)
 05/23/2007

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)

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 Price (D)		
Common Stock	05/23/2007		M		6,000 A \$ 14.205	15,600 (1)	D
Common Stock	05/23/2007		M		6,000 A \$ 18.9405	21,600 (1)	D
Common Stock	05/23/2007		M		3,000 A \$ 32.57	24,600 (1)	D
Common Stock	05/23/2007		S		15,000 D (2)	9,600 (1)	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 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	\$ 14.205	05/23/2007		M	6,000	<u>(3)</u> 05/15/2013	Common Stock	6,000
Options to Purchase	\$ 18.9405	05/23/2007		M	6,000	<u>(4)</u> 05/13/2014	Common Stock	6,000
Options to Purchase	\$ 32.57	05/23/2007		M	3,000	<u>(5)</u> 05/17/2015	Common Stock	3,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
HEINEN ROGER J JR SOUTHPOINTE 275 TECHNOLOGY DRIVE CANONSBURG, PA 15317		X		

Signatures

Lisa M. O'Connor,
Attorney-in-Fact

05/24/2007

**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) Includes 3,600 Deferred Stock Units.

(2) The trade was executed in a series of transactions with a price range of \$57.00 to \$57.92, with a weighted average price of \$57.43.

(3) The option grant of 24,000 shares vests 25% annually in equal installments beginning on 05/15/04, the first anniversary of the grant date.

(4) The option grant of 24,000 shares vests 25% annually in equal installments beginning on 05/13/05, the first anniversary of the grant date.

(5) The option grant of 12,000 shares vests 25% annually in equal installments beginning on 05/17/06, 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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