HEINEN ROGER J JR

Form 4

February 27, 2007

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 3235-0287

OMB APPROVAL

Number:

Expires:

January 31, 2005

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if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

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(b).

(Last)

1. Name and Address of Reporting Person * HEINEN ROGER J JR

(First)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Middle)

ANSYS INC [ANSS]

(Check all applicable)

SOUTHPOINTE, 275

3. Date of Earliest Transaction

(Month/Day/Year) 02/26/2007

X_ Director 10% Owner Other (specify Officer (give title below)

6. Individual or Joint/Group Filing(Check

TECHNOLOGY DRIVE

(Street) 4. If Amendment, Date Original

(Month/Day/Year)

Filed(Month/Day/Year)

Applicable Line)

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

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

CANONSBURG, PA 15317

(City) (State) (Zip) 1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially (D) or Owned Following (Instr. 4) Reported

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Indirect (I) Ownership (Instr. 4)

(A) or

Transaction(s) (Instr. 3 and 4)

Common Stock (1)

(Instr. 3)

02/26/2007

Code V Amount (D) 900 Α

Price

\$0

8,700 (2)

D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Titl	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secur
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	Derivative		Securities	(Instr. 5)	Bene	
	Derivative				Securities		(Instr. 3 and 4)		Own		
	Security				Acquired						Follo
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date Exercisable	Expiration Date	Title	Number		
									of		
				Code V	(A) (D)				Shares		

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, 02/27/2007 Attorney-in-Fact **Signature of Reporting Person

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).

Date

- Represents Deferred Stock Units ("DSUs") issued under the Third Amended and Restated ANSYS, Inc. 1996 Stock Option and Grant Plan in accordance with the 02/09/06 amended annual grant election of the non-affiliated independant directors. Each DSU is settled solely for one share of Common Stock upon termination of services as a Director. The grant of 900 DSUs is made quarterly in arrears and
- is fully vested at grant date.
- (2) Includes 2,700 Deferred Stock Units.

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.

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