

OMB APPROVAL	
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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>CASHMAN JAMES E III</u> (Last) (First) (Middle) 2600 ANSYS DRIVE SOUTHPOINTE (Street) CANONSBURG PA 15367 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>ANSYS INC [ANSS]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)
	3. Date of Earliest Transaction (Month/Day/Year) <u>03/05/2017</u>	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> 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 ⁽¹⁾	03/05/2017		F		2,305 ⁽¹⁾	D	\$106.3	346,656 ⁽⁵⁾	D	
Common Stock ⁽²⁾	03/05/2017		F		3,112 ⁽²⁾	D	\$106.3	343,544 ⁽⁶⁾	D	
Common Stock ⁽³⁾	03/05/2017		F		4,033 ⁽³⁾	D	\$106.3	339,511 ⁽⁷⁾	D	
Common Stock ⁽⁴⁾	03/05/2017		A		16,933	A	\$0	356,444 ⁽⁸⁾	D	
Common Stock								64,500	I	Reflects shares held in a family limited partnership.

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					

Explanation of Responses:

- These shares were retained by the Company in order to meet the tax withholding obligations of the Reporting Person in connection with the vesting of an installment of restricted stock units granted to the Reporting Person on March 5, 2014.
- These shares were retained by the Company in order to meet the tax withholding obligations of the Reporting Person in connection with the vesting of an installment of restricted stock units granted to the Reporting Person on March 5, 2015.
- These shares were retained by the Company in order to meet the tax withholding obligations of the Reporting Person in connection with the vesting of an installment of restricted stock units granted to the Reporting Person on March 5, 2016.
- Represents restricted stock units ("Restricted Stock Units") issued under the Issuer's Fifth Amended and Restated 1996 Stock Option and Grant Plan. 7,525 restricted stock units will vest on February 28, 2018 and the remaining 9,408 restricted stock units vest on April 30, 2019. Each RSU is settled solely for one share of Common Stock.
- Includes 60,250 Restricted Stock Units.
- Includes 53,500 Restricted Stock Units.
- Includes 44,750 Restricted Stock Units.
- Includes 61,683 Restricted Stock Units.

Remarks:

Sheila S. DiNardo, Attorney-in-Fact 03/07/2017

** Signature of Reporting Person Date

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

* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.