

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | |
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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

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|---|--|--|
| 1. Name and Address of Reporting Person* <u>CASHMAN JAMES E III</u> (Last) (First) (Middle) <u>SOUTHPOINTE</u> <u>275 TECHNOLOGY DRIVE</u> (Street) <u>CANONSBURG PA</u> <u>15317</u> (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 <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>President and CEO</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>03/05/2014</u> | |
| 4. If Amendment, Date of Original Filed (Month/Day/Year) | | |

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⁾ | 03/05/2014 | | A | | 20,000 | A | \$0 | 362,087 ⁽²⁾ | D | |

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 | | | | | | Title |
| Performance Restricted Stock Unit | \$0 | 03/05/2014 | | A | | 15,000 | | (3) | (3) | Common Stock | 15,000 | \$0 | 15,000 | D | |
| Performance Restricted Stock Unit | \$0 | 03/05/2014 | | A | | 15,000 | | (4) | (4) | Common Stock | 15,000 | \$0 | 15,000 | D | |

Explanation of Responses:

- Represents restricted stock units (?Restricted Stock Units?) issued under the Issuer?s Fourth Amended and Restated 1996 Stock Option and Grant Plan. The Restricted Stock Units vest 25% annually in equal installments beginning on the first anniversary of the grant date.
- Includes 20,000 Restricted Stock Units.
- Each Performance Restricted Stock Unit (?Performance RSU?) represents a contingent right to receive, pursuant to the Issuer?s Second Amended and Restated Long-Term Incentive Plan, a distribution of the Issuer?s common stock equal to 0% to 150% of the reported target Performance RSUs based on the total shareholder return realized by the Issuer's stockholders, as measured against the percentage appreciation of the NASDAQ Composite Total Returns Index, during a three-year cumulative performance cycle (January 1, 2014 to December 31, 2016). All earned Performance RSUs will vest at the end of the three-year cumulative performance cycle, as well be determined at the first meeting of the Issuer?s compensation committee following December 31, 2016, provided the reporting person remains employed by the Issuer on such date.
- Each Performance Restricted Stock Unit (?Performance RSU?) represents a contingent right to receive, pursuant to the Issuer?s Fourth Amended and Restated 1996 Stock Option and Grant Plan, a distribution of the Issuer?s common stock equal to 0% to 150% of the reported target Performance RSUs based on the achievement of certain performance criteria, as will be determined at the first meeting of the Issuer?s compensation committee following each of December 31, 2014, December 31, 2015 and December 31, 2016, during a three-year cumulative performance cycle. All earned Performance RSUs will vest at the end of the three-year cumulative performance cycle, as well be determined at the first meeting of the Issuer?s compensation committee following December 31, 2016, provided the reporting person remains employed by the Issuer on such date.

Remarks:

Annette Arribas, Attorney-in-Fact 03/07/2014
 ** 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.