

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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person * SHIELDS MARIA T _____ (Last) (First) (Middle) 2600 ANSYS DRIVE SOUTHPOINTE _____ (Street) CANONSBURG PA 15317 _____ (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol ANSYS INC [ANSS]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) CFO & VP Finance and Admin.
	3. Date of Earliest Transaction (Month/Day/Year) 02/28/2019	
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	02/28/2019		M		12,000	A	\$48.97	113,725 ⁽¹⁾	D	
Common Stock	02/28/2019		M		1,704	A	\$58.67	115,429 ⁽¹⁾	D	
Common Stock	02/28/2019		S		2,494	D	\$180.23 ⁽²⁾	112,935 ⁽¹⁾	D	
Common Stock	02/28/2019		S		1,900	D	\$181.4 ⁽³⁾	111,035 ⁽¹⁾	D	
Common Stock	02/28/2019		S		6,210	D	\$182.56 ⁽⁴⁾	104,825 ⁽¹⁾	D	
Common Stock	02/28/2019		S		2,500	D	\$183.51 ⁽⁵⁾	102,325 ⁽¹⁾	D	
Common Stock	02/28/2019		S		500	D	\$184.14 ⁽⁶⁾	101,825 ⁽¹⁾	D	
Common Stock	02/28/2019		S		100	D	\$186	101,725 ⁽¹⁾	D	
Common Stock	03/03/2019		F		1,278 ⁽⁷⁾	D	\$182.23	100,447 ⁽⁸⁾	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
Option To Purchase	\$48.97	02/28/2019		M			12,000	(9)	11/15/2020	Common Stock	12,000	\$0	0	D	
Option To Purchase	\$58.67	02/28/2019		M			1,704	(10)	11/14/2021	Common Stock	1,704	\$0	0	D	

Explanation of Responses:

- Includes 27,271 Restricted Stock Units.
- The trade was executed in a series of transactions with a price range of \$180.00 to \$180.99, inclusive, with a weighted average price of \$180.23. 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.
- The trade was executed in a series of transactions with a price range of \$181.00 to \$181.98, inclusive, with a weighted average price of \$181.40. 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.
- The trade was executed in a series of transactions with a price range of \$182.00 to \$182.99, inclusive, with a weighted average price of \$182.56. 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.
- The trade was executed in a series of transactions with a price range of \$183.00 to \$183.98, inclusive, with a weighted average price of \$183.51. 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.
- The trade was executed in a series of transactions with a price range of \$184.00 to \$184.35, inclusive, with a weighted average price of \$184.14. 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.
- Shares withheld for payment of taxes in connection with the vesting of time-based Restricted Stock Units.
- Includes 24,334 Restricted Stock Units.
- The option grant of 28,958 shares granted on 11/15/2010 vested 25% annually in equal installments beginning on the first anniversary of the grant.
- The option grant of 1,704 shares granted on 11/14/2011 vested 25% annually in equal installments beginning on the first anniversary of the grant.

Remarks:

Janet Lee, Attorney-in-Fact

03/04/2019

** 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.

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