FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

-	OIVIB 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

Common Stock	1. Name and Address of Reporting Person* SHIELDS MARIA T						2. Issuer Name and Ticker or Trading Symbol <u>ANSYS INC</u> [ANSS]								5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner V Officer (give title Other (specify						
CANONSBURG PA 15317	2600 AN	ANSYS DRIVE					01/04/2021								CFO & SVP Finance and Admin.						
Table - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned - Title of Security (Instr. 3) 2. Transaction (Month Dayrean) 2. Transaction					_ 4.	ii Ame	namer	nt, Date	or Origi	nai Fii	led (Month/Da		Line) X Form filed by One Reporting Person Form filed by More than One Reporting								
2. Transaction Common Stock Co	(City) (State) (Zip)															reison					
Date Month/Day/Year Execution Date Code V Amount (A) or Price Code V A Or Price Code Co			Tab	le I - N	lon-Der	ivativ	e Se	curit	ies A	cquire	d, D	isposed o	f, or Be	enefic	ially	Owned					
Common Stock	Date			Date	ate		Execution Date, if any		Transaction Code (Instr.		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and		(A) or 3, 4 and	5)	Securities Beneficially Owned Following		Form: Direct (D) or Indirect		of Indirect Beneficial Ownership		
Common Stock										Code	v	Amount	(A) or (D)	Price		Transact	tion(s)			(instr. 4)	
Common Stock	Common	Stock			01/04/2	2021				M		14,296(1)	A	\$58	.67	142,	277 ⁽²⁾		D		
Common Stock	Common	Stock			01/04/	2021	21			S		690(1)	D	\$359.	.32(3)	141,	587(2)		D		
Common Stock	Common Stock 01/02				01/04/	2021				S		300(1)	D	\$360.	.03(4)	141,	1,287(2)		D		
Common Stock	Common Stock 0				01/04/2021				S		500(1)	D	\$361.	.67(5)	140,	,787 ⁽²⁾		D			
Common Stock	Common Stock 01				01/04/	/04/2021				S		200(1)	D	\$362.	.64(6)	140,	40,587(2)		D		
Common Stock	Common Stock 01/04/				2021)21					1,100(1)	D	\$363.	.87 ⁽⁷⁾ 139,		,487 ⁽²⁾		D			
Common Stock	Common Stock 01			01/04/	01/04/2021				S		400(1)	D	\$365.	55.18(8) 13),087 ⁽²⁾		D			
Common Stock	Common Stock 01/0			01/04/	2021				S		899(1)	D	\$366.	43 ⁽⁹⁾ 138,		,188(2)		D			
Common Stock	Common Stock 01/04/202				2021	!1		S		1,886(1)	D	\$367.	63(10)	136,302(2)			D				
Common Stock	Common Stock 01/04/202				2021	21		S		1,809(1)	D	\$368.	91 ⁽¹¹⁾	134,493(2)			D				
Common Stock 01/04/2021 S 1,222(1) D \$371.82(14) 128,479(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) 1. Title of Derivative Security Security Security 3. Transaction Date (Month/Day/Year) (Instr. 4) 3. Transaction Date (Month/Day/Year) (Instr. 4) 5. Number of Securities Underlying Derivative Security (Instr. 3) and 4) Amount or Date (Instr. 4) Amount or Number of Orlindirect (I) (Instr. 4) Option to S58.67 (MONA) Option to MONA) Option to	Common Stock 01/04/2				2021	21			S		3,490(1)	D	\$369.	82(12)	131,	131,003(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 Price of Derivative Security Security Security 1. Title of Derivative Security Price of Derivative Security Security 1. Title of Derivative Security Security Security Security Security 1. Title of Derivative Security Securities Derivative Security Securities Derivative Security (Instr. 3) 2. Transaction Date (Month/Day/Year) 3. Transaction Date (Month/Day/Year) 4. Transaction Date (Month/Day/Year) 5. Number of Securities Derivative Security (Instr. 3) 6. Date Exercisable and Expiration Date (Month/Day/Year) 7. Title and Amount of Securities Derivative Security (Instr. 3) 9. Number of derivative Security Securities Derivative Security (Instr. 4) 9. Number of derivative Security (Instr. 5) 10. Ownership Form: Disposed of (D) (Instr. 3) 11. Nature of Derivative Security (Instr. 4) 12. Nature of Securities Derivative Security (Instr. 4) 13. Amount or Number of Amount or Number of Title Shares 14. Amount or Number of Title Shares 15. Number of Expiration Date (Instr. 4) 16. Date Exercisable and Expiration Date (Instr. 4) 17. Nature of Indirect Security (Instr. 4) 18. Price of Derivative Security (Instr. 5) 18. Price of Derivative Security (Instr. 5) 19. Number of Securities Derivative Securities Derivative Security (Instr. 5) 19. Number of Securities Derivative Security (Instr. 5) 10. Ownership Terms of Indirect Security (Instr. 4) 10. Ownership Terms of Indirect Security (Instr. 4) 11. Nature of Securities Derivative Securities Der	Common Stock 01/04/202				2021	21			S		1,302(1)	D	\$370.	77(13)	129,),701 ⁽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 Oxele (Instr. 3) 2. Conversion Oxele (Instr. 3) 3. Transaction Dxet Execution Date, if any (Month/Day/Year) (Instr. 3) 4. S. Number of Execution Date (Month/Day/Year) (Instr. 3) 5. Number of Execution Date (Month/Day/Year) Transaction Dxet (Month/Day/Year) (Instr. 3) Amount or Number of Derivative Security (Instr. 3) Amount or Number of Securities Securities (I) (Instr. 4) (Instr. 4) Option to SSS 67 Option	Common Stock 01/04/202				2021	21			S		1,222(1)	D	\$371.	\$371.82(14)		128,479(2)		D			
(e.g., puts, calls, warrants, options, convertible securities) 1. Title of Derivative Security (Instr. 3) Price of Derivative Security	Common Stock 01/04/202				2021	21			S		498(1)	D \$372.		63(15)	127,981 ⁽²⁾		D				
Derivative Security (Instr. 3) Price of Derivative Security Securi			-	Table I												wned					
Code V (A) (D) Date Expiration Date Title of Shares Option to \$58.67 01/04/2021 M \	Derivative Security	Conversion or Exercise Price of Derivative	Date	Execution Date, if any		Transa Code (tion of Derivative Securities Acquired (A) or Disposed of (D) (Instr.		Expiration I (Month/Day		ate	of Securities Underlying Derivative Sect (Instr. 3 and 4)		ity D	Derivative Security	derivative Securities Beneficial Owned Following Reported Transaction	ly	Ownership Form: Direct (D) or Indirect	of Indirect Beneficial Ownership	
						Code	v	(A)	(D)		isable			or Numb of Share	per						
		\$58.67	01/04/2021			M			14,296	(1	6)	11/14/2021		14,2	96	\$0	0		D		

- 1. Pursuant to an effective Rule 10b5-1 plan.
- 2. Includes 30,268 Restricted Stock Units, as well as 41 shares acquired under the ANSYS Employee Stock Purchase Plan.
- 3. The trade was executed in a series of transactions with a price range of \$358.73 to \$359.71, inclusive, with a weighted average price of \$359.32. 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
- 4. The trade was executed in a series of transactions with a price range of \$359.98 to \$360.26, inclusive, with a weighted average price of \$360.03. 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.
- 5. The trade was executed in a series of transactions with a price range of \$361.18 to \$362.07, inclusive, with a weighted average price of \$361.67. 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
- 6. The trade was executed in a series of transactions with a price range of \$362.24 to \$363.04, inclusive, with a weighted average price of \$362.64. 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
- 7. The trade was executed in a series of transactions with a price range of \$363.37 to \$364.35, inclusive, with a weighted average price of \$363.87. 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

- 8. The trade was executed in a series of transactions with a price range of \$364.90 to \$365.62, inclusive, with a weighted average price of \$365.18. 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
- 9. The trade was executed in a series of transactions with a price range of \$365.98 to \$366.93, inclusive, with a weighted average price of \$366.43. 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
- 10. The trade was executed in a series of transactions with a price range of \$367.05 to \$368.04, inclusive, with a weighted average price of \$367.63. 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.
- 11. The trade was executed in a series of transactions with a price range of \$368.31 to \$369.29, inclusive, with a weighted average price of \$368.91. 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
- 12. The trade was executed in a series of transactions with a price range of \$369.35 to \$370.33, inclusive, with a weighted average price of \$369.82. 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.
- 13. The trade was executed in a series of transactions with a price range of \$370.36 to \$371.24, inclusive, with a weighted average price of \$370.77. 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
- 14. The trade was executed in a series of transactions with a price range of \$371.37 to \$372.32, inclusive, with a weighted average price of \$371.82. 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.
- 15. The trade was executed in a series of transactions with a price range of \$372.43 to \$372.88, inclusive, with a weighted average price of \$372.63. 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
- 16. The option grant of 29,296 shares granted on 11/14/2011 vested 25% annually in equal installments beginning on the first anniversary of the grant.

Remarks:

01/06/2021 Janet Lee, Attorney-in-Fact

** Signature of Reporting Person

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.