BARLETT TODD A

Check this box

if no longer

Section 16.

Form 4 or

subject to

Form 4 July 02, 2018

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5
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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** BARLETT TODD A			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer				
			APPLIED INDUSTRIAL TECHNOLOGIES INC [AIT]	(Check all applicable)				
(Last) ONE APPLIED	(First) • PLAZA	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 06/29/2018	Director 10% OwnerX Officer (give title Other (specify below) VP-Acq & Global Bus Dev				
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person				
CLEVELAND, OH 44115				Form filed by More than One Reporting Person				

(City)	(State)	(Zip) Ta	ble I - Non	-Derivati	ve Sec	urities A	cquired, Dispose	d of, or Bene	ficially Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	ties Acquired isposed of (D) 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount		Price	(Instr. 3 and 4)		
Common Stock	06/29/2018		A	38.41	A	\$ 69.75	8,968.12	I	Deferred Compensation Plan
Common Stock							17,632	D	
Common Stock							7,787.76	I	Retirement Savings Plan
Common Stock							100	I	By Wife

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

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SEC 1474 (9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title a	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	orNumber	Expiration Date		Amount	of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es	(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)						
									mannt		
									mount		
						Date Expiration Exercisable Date	Expiration	O1			
								Number			
				G 1 17	(A) (D)			of			
				Code V	(A) (D)			S	hares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

BARLETT TODD A ONE APPLIED PLAZA CLEVELAND, OH 44115

VP-Acq & Global Bus Dev

Signatures

Dianne Misenko/POA for Todd A.

Barlett 07/02/2018

**Signature of Reporting Person Date

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).

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.

Reporting Owners 2