

BARLETT TODD A  
Form 4  
August 10, 2006

**FORM 4**

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

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).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

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

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
BARLETT TODD A

2. Issuer Name and Ticker or Trading Symbol  
APPLIED INDUSTRIAL TECHNOLOGIES INC [AIT]

5. Relationship of Reporting Person(s) to Issuer  
(Check all applicable)

(Last) (First) (Middle)  
ONE APPLIED PLAZA  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
08/08/2006

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
VP-Acq & Global Bus Dev

CLEVELAND, OH 441155056  
(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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 Ownership (Instr. 4)
Common Stock				(A) Amount	26,934 <sup>(1)</sup>	D	
Common Stock				(A) Amount	100 <sup>(1)</sup>	I	By Wife
Common Stock				(A) Amount	4,818.61 <sup>(1)</sup>	I	Retirement Savings Plan

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

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SEC 1474 (9-02)

number.

**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 Underlying Security (Instr. 3 and 4)
Stock Appreciation Rights	\$ 21.94	08/08/2006		A	10,000	08/08/2007 <sup>(2)</sup> 08/08/2016	Common Stock 10
Employee Stock Option (Right to Buy)	\$ 6.94 <sup>(3)</sup>					08/06/2003 <sup>(4)</sup> 08/06/2012	Common Stock 5
Employee Stock Option (Right to Buy)	\$ 9.465 <sup>(3)</sup>					08/08/2004 <sup>(4)</sup> 08/08/2013	Common Stock 6
Stock Appreciation Rights	\$ 12.907 <sup>(3)</sup>					08/06/2005 <sup>(2)</sup> 08/06/2014	Common Stock 8
Stock Appreciation Rights	\$ 23 <sup>(3)</sup>					08/09/2006 <sup>(2)</sup> 08/09/2015	Common Stock 5

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BARLETT TODD A ONE APPLIED PLAZA CLEVELAND, OH 441155056			VP-Acq & Global Bus Dev	

## Signatures

By: Dianne Misenko/POA for Todd A. Barlett 08/10/2006

\*\*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).

- (1) All holdings reflect the effect of the 3 for 2 stock split paid on 6/15/06.
- (2) Stock-only stock appreciation rights which become exercisable in annual increments of 25% commencing one year after the date of grant.
- (3) Both share balance and share price adjusted to reflect the effect of the 3 for 2 stock split paid on 6/15/06.
- (4) These options become exercisable in annual increments of 25% commencing one year after the date of grant.

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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