

APPLIED INDUSTRIAL TECHNOLOGIES INC  
 Form 4  
 August 14, 2007

**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 \*  
 COTICCHIA MICHAEL L

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)  
 08/13/2007

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 VP-CAO & Gov Bus

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)
			Code	V	Amount or Price		
Common Stock	08/13/2007		M		4,050 A \$ 12.907	D	
Common Stock	08/13/2007		M		2,325 A \$ 23 23,140.96	D	
Common Stock	08/13/2007		M		2,500 A \$ 21.94 25,640.96	D	
Common Stock	08/13/2007		M		6,722 A \$ 9.465 32,362.96	D	
Common Stock	08/13/2007		F		10,134 D \$ 29.63 22,228.96	D	

Common Stock	10,771.79	I	Retirement Savings Plan
Common Stock	1,372.09	I	Supplemental Defined Contribution Plan

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

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(9-02)

**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)	Am or Num of Sha
				Code	V (A) (D)	Date Exercisable Expiration Date	Title	
Employee Stock Option (Right to Buy)	\$ 9.465	08/13/2007		M	6,722	08/08/2004 <sup>(1)</sup> 08/08/2013	Common Stock	6,7
Stock Appreciation Rights	\$ 12.907	08/13/2007		M	4,050	08/06/2005 <sup>(2)</sup> 08/06/2014	Common Stock	4,0
Stock Appreciation Rights	\$ 23	08/13/2007		M	2,325	08/09/2006 <sup>(2)</sup> 08/09/2015	Common Stock	2,3
Stock Appreciation Rights	\$ 21.94	08/13/2007		M	2,500	08/08/2007 <sup>(2)</sup> 08/08/2016	Common Stock	2,5

## Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

COTICCHIA MICHAEL L  
ONE APPLIED PLAZA  
CLEVELAND, OH 441155056

VP-CAO & Gov Bus

## Signatures

By: Dianne Misenko/POA for Michael L.  
Coticchia

08/14/2007

\_\_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) These options become exercisable in annual increments of 25% commencing one year after the date of grant.

(2) Stock-only stock appreciation rights which 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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