PURSER BILL L Form 4 August 10, 2006

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

Expires: January 31,

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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

may continue. See Instruction 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person ** PURSER BILL L			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) (First) (Middle) ONE APPLIED PLAZA		, ,	3. Date of Earliest Transaction (Month/Day/Year) 08/08/2006	Director 10% OwnerX_ Officer (give title Other (specif below) below) President & COO		
(Street)			4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line)		
CLEVELAN	ND, OH 441	155056		_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State) (Zip) Table	e I - Non-D	erivative Secu	rities A	equired, Disposed	of, or Benefici	ally Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	Execution Date, if	TransactionAcquired (A) or		5. Amount of Securities		Indirect	
(Instr. 3)		any (Month/Day/Year)	Code (Instr. 8)	Disposed of (Instr. 3, 4 and	· /	Beneficially Owned Following	(D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)
			Code V	(A) or Amount (D)		Reported Transaction(s) (Instr. 3 and 4)		
Common Stock						82,531 <u>(1)</u>	D	
Common Stock						8,310.93 (1)	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)

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$\label{thm:convergence} \begin{tabular}{ll} Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned \\ (e.g., puts, calls, warrants, options, convertible securities) \end{tabular}$

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. Transactic Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amo Underlying Secu (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Ar Nu Sh
Stock Appreciation Rights	\$ 21.94	08/08/2006		A	32,300	08/08/2007(2)	08/08/2016	Common Stock	3
Employee Stock Option (Right To Buy)	\$ 8.597 (3)					01/18/2002(4)	01/18/2011	Common Stock	9
Employee Stock Option (Right to Buy)	\$ 7.922 (3)					08/09/2002(4)	08/09/2011	Common Stock	14
Employee Stock Option (Right to Buy)	\$ 6.94 (3)					08/06/2003 <u>(4)</u>	08/06/2012	Common Stock	4
Employee Stock Option (Right to Buy)	\$ 9.465 (3)					08/08/2004 <u>(4)</u>	08/08/2013	Common Stock	9
Stock Appreciation Rights	\$ 12.907 (3)					08/06/2005(2)	08/06/2014	Common Stock	5
Stock Appreciation Rights	\$ 23 (3)					08/09/2006(2)	08/09/2015	Common Stock	2

Reporting Owners

Reporting Owner Name / Address	Relationships						
F-	Director	10% Owner	Officer	Other			
PURSER BILL L ONE APPLIED PLAZA CLEVELAND, OH 441155056			President & COO				

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Signatures

By: Dianne Misenko/POA for Bill L.

Purser 08/10/2006

**Signature of Reporting Person

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).

Date

- (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. 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.

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