PURSER BILL L Form 4 October 31, 2006

FORM 4

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

Check this box if no longer subject to

Section 16. Form 4 or Form 5 obligations may continue. See Instruction 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(b).

1. Name and Address of Reporting Person * PURSER BILL L

(Last) (First) (Middle)

ONE APPLIED PLAZA

(Street)

2. Issuer Name and Ticker or Trading Symbol

APPLIED INDUSTRIAL **TECHNOLOGIES INC [AIT]**

3. Date of Earliest Transaction

(Month/Day/Year) 10/30/2006

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

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

Director 10% Owner _X__ Officer (give title Other (specify below)

President & COO

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

CLEVELAND, OH 441155056

(City)	(State)	(Zip) 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. Transactic Code (Instr. 8)	4. Securities Acquired ion(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	10/30/2006		M	10,000	A	\$ 8.597	87,531	D	
Common Stock	10/30/2006		S	400	D	\$ 29.27	87,131	D	
Common Stock	10/30/2006		S	100	D	\$ 29.25	87,031	D	
Common Stock	10/30/2006		S	600	D	\$ 29.21	86,431	D	
Common Stock	10/30/2006		S	300	D	\$ 29.2	86,131	D	

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Common Stock	10/30/2006	S	300	D	\$ 29.19	85,831	D	
Common Stock	10/30/2006	S	600	D	\$ 29.17	85,231	D	
Common Stock	10/30/2006	S	100	D	\$ 29.12	85,131	D	
Common Stock	10/30/2006	S	600	D	\$ 29.11	84,531	D	
Common Stock	10/30/2006	S	100	D	\$ 29.1	84,431	D	
Common Stock	10/30/2006	S	700	D	\$ 29.09	83,731	D	
Common Stock	10/30/2006	S	100	D	\$ 29.08	83,631	D	
Common Stock	10/30/2006	S	300	D	\$ 29.07	83,331	D	
Common Stock	10/30/2006	S	100	D	\$ 29.06	83,231	D	
Common Stock	10/30/2006	S	400	D	\$ 29.05	82,831	D	
Common Stock	10/30/2006	S	900	D	\$ 29.03	81,931	D	
Common Stock	10/30/2006	S	300	D	\$ 29.02	81,631	D	
Common Stock	10/30/2006	S	1,500	D	\$ 29.01	80,131	D	
Common Stock	10/30/2006	S	500	D	\$ 29	79,631	D	
Common Stock	10/30/2006	S	1,900	D	\$ 28.99	77,731	D	
Common Stock	10/30/2006	S	200	D	\$ 28.98	77,531	D	
Common Stock						43,452	I	Deferred Compensation 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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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. Transactic Code (Instr. 8)	5. Number of actionDerivative Securities 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount Underlying Securition (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amou or Numb of Sha
Employee Stock Option (Right To Buy)	\$ 8.597	10/30/2006		M		10,000	01/18/2002(1)	01/18/2011	Common Stock	10,0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

PURSER BILL L ONE APPLIED PLAZA CLEVELAND, OH 441155056

President & COO

Signatures

By: Dianne Misenko/POA for Bill L.

Purser 10/31/2006

**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) 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.

Reporting Owners 3