FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL OMB Number:

Estimated average burden hours per response: 0.5

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

Name and Address of Reporting Person* Marecic Thomas C				ier Name and Ticke ETEK INC/ [Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
				ETEN INC/	AME	J			(3	Director	10% (Owner	
(Last) (First) (Middle) 1100 CASSATT ROAD				e of Earliest Transa /2016	action (N	/lonth/	Day/Year)	X PR	X Officer (give title Other (specify below) PRES ELECTRONIC INSTRUMENTS				
(Street) BERWYN PA 19312				mendment, Date of	Origina	ıl Filed	l (Month/Day	6. Indiv Line)	l '				
(City)	(State)	(Zip)							Form filed by More than One Reporting Person				
		Table I - Non-	Derivative S	Securities Acq	uired	, Dis	posed of,	or Ber	eficially	Owned			
1. Title of Security (Instr. 3)			. Transaction	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Disposed Of	Acquired (D) (Instr.	(A) or . 3, 4 and 5)	5. Amount of Securities	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership	
		(1	Month/Day/Year)			Instr.				Beneficially Owned Following		Ownership	
		(I	Month/Day/Year)			Instr.	Amount	(A) or (D)	Price				
Common Stoc	ck/serp		12/31/2016		8)		Amount 372	(A) or (D)	Price \$49.902	Owned Following Reported Transaction(s)		Ownership	
Common Stoc	ck/serp		. ,		8) Code			(D)		Owned Following Reported Transaction(s) (Instr. 3 and 4)	(i) (instr. 4)	Ownership	
			12/31/2016		(a) Code (b) J ⁽¹⁾		372	(D)	\$49.902	Owned Following Reported Transaction(s) (Instr. 3 and 4)	(i) (instr. 4)	Ownershij (Instr. 4)	

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 Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Stock Option	\$19.5867							(3)	04/28/2017	Common Stock	5,433		5,433	D	
Stock Option	\$29.8267							(4)	05/02/2018	Common Stock	12,315		12,315	D	
Stock Option	\$34.0467							(5)	04/30/2019	Common Stock	14,097		14,097	D	
Stock Option	\$41.74							(6)	05/07/2020	Common Stock	13,990		13,990	D	
Stock Option	\$53.13							(7)	05/07/2021	Common Stock	12,100		12,100	D	
Stock Option	\$52.27							(8)	05/05/2022	Common Stock	19,240		19,240	D	
Stock Option	\$46.96							(9)	05/03/2023	Common Stock	24,310		24,310	D	

Explanation of Responses:

- 1. Allocated pursuant to the AMETEK, Inc. Supplemental Executive Retirement Plan under which shares are automatically distributed on a one-for-one basis upon the participant's retirement.
- 2. Represents dividend reinvestment under the Company's 401(k) Plan.
- 3. The stock options will become exercisable in four equal installments beginning on April 29, 2011.
- 4. The stock options will become exercisable in four equal installments beginning on May 3, 2012.
- 5. The stock options will become exercisable in four equal installments beginning on May 1, 2013.
- $6. \ The stock options will become exercisable in four equal installments beginning on May 8, 2014.$ 7. The stock options will become exercisable in four equal installments beginning on May 8, 2015.
- 8. The stock options will become exercisable in four equal annual installments beginning on May 6, 2016.
- 9. The stock options will become exercisable in four equal annual installments beginning on May 4, 2017.

/s/ Joy D. Atwell, attorney-infact for Mr. Marecic

01/03/2017

** Signature of Reporting Person

Date

- * 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.