Pietri Antonio J Form 4 February 21, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

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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

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * Pietri Antonio J			2. Issuer Name and Ticker or Trading Symbol ASPEN TECHNOLOGY INC /DE/	5. Relationship of Reporting Person(s) to Issuer		
			[AZPN]	(Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	Director 10% Owner Officer (give title Other (specify below) below)		
ASPEN TECHNOLOGY, INC., 200 WHEELER ROAD			02/16/2012	EVP, Field Operations		
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person		
BURLINGTON, MA 01803				Form filed by More than One Reporting Person		
(City)	(State)	(Zin)				

(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. Securit ord Dispos (Instr. 3,	sed of	` ′	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 Indirect Beneficial Ownership (Instr. 4)	
Common Stock							270	I	By IRA	
Common Stock							1,068	I	Held by spouse by IRA	
Common Stock	02/16/2012		M	3,781	A	\$ 6.57	168,367	D		
Common Stock	02/16/2012		M	18,213	A	\$ 6.57	186,580	D		
	02/16/2012		S		D		164,586	D		

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Common Stock			21,994 (3)	\$ 21.6119		
Common Stock	02/16/2012	S	20,000 I	\$ 21.6382	144,586	D

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

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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 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 Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 6.57	02/16/2012		M	3,781	<u>(1)</u>	10/14/2014	Common Stock	3,781
Employee Stock Option (Right to Buy)	\$ 6.57	02/16/2012		M	18,213	<u>(2)</u>	10/14/2014	Common Stock	18,213

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting owner reduces	Director	10% Owner	Officer	Other			
Pietri Antonio J ASPEN TECHNOLOGY, INC.							
200 WHEELER ROAD			EVP, Field Operations				
BURLINGTON, MA 01803							

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Signatures

/s/ F.G. Hammond, Attorney-In-Fact

02/21/2012

**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).
- The option, representing a right to purchase a total of 3,781 shares, became exercisable in 2 installments of 1,622 shares on December 31, 2005 and December 31, 2006, and an installment of 537 shares on December 31, 2007.
 - The option, representing a right to purchase a total of 46,219 shares, became exercisable in 13 installments of 3,125 shares on December, 31, 2004, March 31, 2005, June 30, 2005, September 30, 2005, March 31, 2006, June 30, 2006, September 30, 2006, March 31, 2007,
- (2) June 30, 2007, September 30, 2007, March 31, 2008, June 30, 2008 and September 30, 2008; in installments of 1,503 shares on December 31, 2005 and December 31, 2006; and in an installment of 2,588 shares on December 31, 2007. The option was exercised as to 28,006 shares on May 11, 2007.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$21.503 to \$21.8353, inclusive. The reporting person undertakes to provide to Aspen Technology, Inc., any security holder of Aspen Technology, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.
- The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$21.45 to \$21.84, inclusive. The reporting person undertakes to provide to Aspen Technology, Inc., any security holder of Aspen Technology, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price within the range set forth in this footnote.

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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