

**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**

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

|  |  |  |  |  |  |
|--|--|--|--|--|--|
| 1. Name and Address of Reporting Person*<br><u>Pietri Antonio J</u><br><hr/> (Last) (First) (Middle)<br><u>C/O ASPEN TECHNOLOGY, INC.</u><br><u>20 CROSBY DRIVE</u><br><hr/> (Street)<br><u>BEDFORD MA 01730</u><br><hr/> (City) (State) (Zip) |  |  | 2. Issuer Name and Ticker or Trading Symbol<br><u>ASPEN TECHNOLOGY INC /DE/ [ AZPN ]</u> |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>President &amp; CEO</u> |
|  |  |  | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>09/01/2016</u>                    |  |  |
|  |  |  | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                 |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price |   |  |   |
| Common Stock <sup>(1)</sup>     | 09/01/2016                           |  | A                              |   | 77,541  | A          | (2)   | 230,191   | D  |   |

**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 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) |
|--|--|--------------------------------------|--|--------------------------------|--|--|-----------------|---|--|--|---|--|
|  |  |                                      |  |                                |  | Date Exercisable   | Expiration Date |   |  |  |   |  |
| Employee Stock Option (Right to Buy)       | \$45.46  | 09/01/2016                           |  | A                              | 86,156   | (3)  | 08/31/2026      | Common Stock  | 86,156                                     | \$45.46  | 86,156  | D  |

**Explanation of Responses:**

- Each Restricted Stock Unit represents a contingent right to receive one share of Aspen Technology, Inc. common stock. The Restricted Stock Units vest in 16 equal consecutive quarterly installments on the last business day of the quarter, beginning on September 30, 2016.
- Restricted Stock Units do not have an exercise price.
- The option granted at the exercise price of \$45.46 vests in 16 equal consecutive quarterly installments on the last business day of the quarter, beginning on September 30, 2016.

/s/ F.G. Hammond, attorney-in-fact for Mr. Pietri 09/06/2016

\*\* Signature of Reporting Person Date

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

\* 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.

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