FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPRO              | VAL       |
|------------------------|-----------|
| OMB Number:            | 3235-0287 |
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| 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).

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*  KOTZABASAKIS MANOLIS E |  |            |          |         |       | 2. Issuer Name <b>and</b> Ticker or Trading Symbol ASPEN TECHNOLOGY INC /DE/ AZPN |         |   |                  |  |                    |   |   |                      | 5. Relationship of Reporting<br>(Check all applicable)<br>Director   |      |   | 10%   | Owner  |  |
|--|--|------------|----------|---------|-------|---|---------|---|------------------|--|--------------------|---|---|----------------------|--|------|---|---|--|--|
| (Last) (First) (Middle) ASPEN TECHNOLOGY, INC. 200 WHEELER ROAD  |  |            |          |         |       | 3. Date of Earliest Transaction (Month/Day/Year) 09/30/2013                       |         |   |                  |  |                    |   |   |                      | X Officer (give title below) Other (specify below)  EVP, Products  |      |   |   |  |  |
| (Street) BURLINGTON MA 01803  (City) (State) (Zip)               |  |            |          |         | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year)                          |         |   |                  |  |                    |   |   |                      | Individual or Joint/Group Filing (Check Applicable Line)     X Form filed by One Reporting Person     Form filed by More than One Reporting Person |      |   |   |  |  |
|  |  | Tabl       | e I - No | n-Deriv | ative | Se  | curitie | s Acc   | quired,          | Dis  | posed o            | f, or                                       | Ben   | eficia               | ally (   | Owne | ed  |   |  |  |
| 1. Title of Security (Instr. 3)  2. Transa Date (Month/E         |  |            |          |         |       | Day/Year) if a  |         | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |                  | Transaction Dispose Code (Instr. 5)                            |                    | ities Acquired (A)<br>d Of (D) (Instr. 3, 4 |   |                      | 4 and Secu<br>Bene   |      | cially<br>d Following   | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4) | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4)  |  |
|  |  |            |          |         |       | Code  | v       | Amount  |                  | A) or<br>D)  | Price              |   | Transaction(s)<br>(Instr. 3 and 4)  |                      |  | ,    |   |   |  |  |
| Common   | 09/30/   | 09/30/2013 |          |         |       |   |         | 4,258(1   | 1) D \$3         |  | \$34               | .72   | 13  | 13,513               | D  |      |   |   |  |  |
|  | Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |            |          |         |       |   |         |   |                  |  |                    |   |   |                      |  |      |   |   |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)              | vative Conversion Date Executivity or Exercise (Month/Day/Year) if an  |            |          | Date,   |       | Transaction<br>Code (Instr.   |         |   |                  | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                    |   | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>and 4) |                      |  |      | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|  |  |            |          |         | Code  | v   | (A)     | (D)   | Date<br>Exercisa |  | Expiration<br>Date | Title                                       | or<br>Nur<br>of   | ount<br>mber<br>ares |  |      |   |   |  |  |

## **Explanation of Responses:**

1. Shares withheld by Registrant to satisfy statutory tax withholding requirements on vesting of Restricted Stock Units and distribution of stock.

/s/ F.G. Hammond, Attorney-10/02/2013 In-Fact

\*\* 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.

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.