

ASPEN TECHNOLOGY INC /DE/  
Form 4  
October 31, 2008

**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*  
1(b).

**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

## OMB APPROVAL

OMB  
Number: 3235-0287  
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2005  
Estimated average  
burden hours per  
response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Wheeler Blair

(Last) (First) (Middle)

C/O ASPEN TECHNOLOGY,  
INC., 200 WHEELER ROAD

(Street)

BURLINGTON, MA 01803

(City) (State) (Zip)

2. Issuer Name **and** Ticker or Trading  
Symbol  
ASPEN TECHNOLOGY INC /DE/  
[AZPN]

3. Date of Earliest Transaction  
(Month/Day/Year)  
10/29/2008

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

5. Relationship of Reporting Person(s) to  
Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_ 10% Owner  
\_X\_ Officer (give title \_\_\_\_ Other (specify  
below) below)  
SVP, Marketing

6. Individual or Joint/Group Filing(Check  
Applicable Line)  
\_X\_ Form filed by One Reporting Person  
\_\_\_\_ Form filed by More than One Reporting  
Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3.<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------|
|                                       |                                         |                                                             | Code                     | V                                                                          | Amount                                                                                                             | (A)<br>or<br>(D)                                                     | Price                                   |
| Common<br>Stock                       | 10/29/2008                              |                                                             | M                        |                                                                            | 750                                                                                                                | A                                                                    | \$ 4,749                                |
| Common<br>Stock <sup>(2)</sup>        | 10/29/2008                              |                                                             | F                        |                                                                            | 239                                                                                                                | D                                                                    | \$ 7.4 4,510                            |

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

**Persons who respond to the collection of  
information contained in this form are not  
required to respond unless the form  
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SEC 1474  
(9-02)

**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 Underlying Securities (Instr. 3 and 4) |                 | 8. Price or Value of Derivative Security (Instr. 5) |                            |     |
|--------------------------------------------|--------------------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-----------------------------------------------------------------------------------------|----------------------------------------------------------|-----|---------------------------------------------------------------|-----------------|-----------------------------------------------------|----------------------------|-----|
|                                            |                                                        |                                      |                                                    | Code                           | V                                                                                       | (A)                                                      | (D) | Date Exercisable                                              | Expiration Date | Title                                               | Amount or Number of Shares |     |
| Restricted Stock Units                     | (1)                                                    | 10/29/2008                           |                                                    | M                              |                                                                                         | 750                                                      |     | (3)                                                           | (3)             | Common Stock                                        | 750                        | (1) |

## Reporting Owners

| Reporting Owner Name / Address                                                          | Relationships |           |                   |       |
|-----------------------------------------------------------------------------------------|---------------|-----------|-------------------|-------|
|                                                                                         | Director      | 10% Owner | Officer           | Other |
| Wheeler Blair<br>C/O ASPEN TECHNOLOGY, INC.<br>200 WHEELER ROAD<br>BURLINGTON, MA 01803 |               |           | SVP,<br>Marketing |       |

## Signatures

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

10/31/2008

\*\*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) Each restricted stock unit represents a contingent right to receive one share of Aspen Technology, Inc. common stock.
- (2) Shares withheld by Registrant to satisfy statutory tax withholding requirements on vesting of restricted stock units and distribution of stock.
- (3) The restricted stock unit vested as to 25% on achievement of specified performance goals in the fiscal year ending June 30, 2007 and the balance vests in 12 equal quarterly installments thereafter.

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.