ASPEN TECHNOLOGY INC /DE/

Form 4

December 22, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL

OMB Number:

3235-0287

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January 31, 2005

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obligations

Check this box

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 may continue. 30(h) of the Investment Company Act of 1940

See Instruction

1(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * GLOBAL PRIVATE EQUITY IV LIMITED PARTNERSHIP

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(First)

ASPEN TECHNOLOGY INC /DE/ [AZPN]

(Check all applicable)

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

Director 10% Owner __X__ Other (specify Officer (give title below)

(Middle)

(Zip)

12/20/2006

below) Member of group > 10%

C/O ADVENT INTERNATIONAL CORPORATION, 75 STATE STREET, 29TH FLOOR

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

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

BOSTON, MA 02109

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

1.Title of Security (Instr. 3)

(City)

2. Transaction Date 2A. Deemed (Month/Day/Year)

(State)

Execution Date, if

(Month/Day/Year)

4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

Ownership Form: Direct (D) or Indirect (I)

Indirect Beneficial Ownership (Instr. 4)

(9-02)

7. Nature of

(A) or

Amount

Reported Transaction(s) (Instr. 3 and 4)

(Instr. 4)

Common Stock

12/20/2006

 \mathbf{C} 13,213,000

Code V

(D)

Price

15,397,758 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)

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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 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
Series D-1 Convertible Preferred Stock	\$ 3.33 (1)	12/20/2006		C	132,130	(2)	(2)	common stock	13,213,0

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

GLOBAL PRIVATE EQUITY IV LIMITED PARTNERSHIP C/O ADVENT INTERNATIONAL CORPORATION 75 STATE STREET, 29TH FLOOR BOSTON, MA 02109

Member of group >

10%

Signatures

/s/ Jarlyth H. Gibson, Assistant Compliance Officer

12/20/2006

**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 of the Series D-1 shares is convertible into a number of shares of common stock equal to its stated value of \$333.00 per share (subject to adjustment) divided by the conversion price of \$3.33 per share (subject to adjustment).
- (2) Shares may be converted into common stock at any time and on a perpetual basis.

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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