FUSCO MARK Form 4 April 04, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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subject to Section 16. Form 4 or Form 5 obligations may continue.

Check this box

if no longer

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).

(Last)

(City)

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * **FUSCO MARK**

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Issuer

Symbol

ASPEN TECHNOLOGY INC /DE/ [AZPN]

(Check all applicable)

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

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

03/31/2011

President & CEO

ASPEN TECHNOLOGY, INC., 200 WHEELER ROAD

(State)

(First)

(Street)

(Middle)

(Zip)

4. If Amendment, Date Original

Code V

F

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

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

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

BURLINGTON, MA 01803

1. Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially (Month/Day/Year) (Instr. 8) Owned Following Reported

6. 7. Nature of Ownership Indirect Form: Direct Beneficial (D) or Ownership Indirect (I) (Instr. 4)

(Instr. 4)

(A) Transaction(s) or (Instr. 3 and 4) Price

15.16

Amount (D) 11.074

505,779 D

Common Stock

03/31/2011

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

D

SEC 1474 (9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

(1)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative Securities Acquired		Securities	(Instr. 5)	Bene	
	Derivative						(Instr. 3 and	4)	Own	
	Security								Follo	
					(A) or					Repo
					Disposed					Trans
					of (D)					(Instr
					(Instr. 3,					
					4, and 5)					
								Amou	ınt	
								or		
						Date	Expiration	Title Numb	er	
						Exercisable	Date	of		
				Code V	(A) (D)			Shares	S	

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

FUSCO MARK ASPEN TECHNOLOGY, INC. 200 WHEELER ROAD **BURLINGTON, MA 01803**

President & CEO

Signatures

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

04/04/2011

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

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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