ASPEN TECHNOLOGY INC /DE/ Form SC 13G/A February 11, 2011

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

SCHEDULE 13G

(Amendment No. 3)

Under the Securities Exchange Act of 1934*

Aspen Technology, Inc. (Name of Issuer)

Common Stock, par value \$0.10 per share (Title of Class of Securities)

> 045327103 (CUSIP Number)

December 31, 2010 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

o Rule 13d-1(b)x Rule 13d-1(c)o Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 (the "Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUS	IP No. 045327103		13G	Page Pages	2	of	8
1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON						
2	Third Point LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) o						
	(b) x						
3	SEC USE ONLY						
4	CITIZENSHIP OR PLACE OF ORGANIZATION						
	Delaware	5	SOLE VOTIN	NG POW	VER		
	NUMBER OF		0				
	SHARES BENEFICIALLY	6	SHARED VC)TING F	OWER		
	OWNED BY		3,500,000				
	EACH	7	SOLE DISPO) SITIVE	POWER		
	REPORTING PERSON		0				
	WITH	8	SHARED DI	SPOSIT	IVE POW	/ER	

3,500,000

AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9

3,500,000

CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES* 10

N/A

PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 11

3.7%

TYPE OF REPORTING PERSON 12

00

CUS	IP No. 045327103		13G	Page 3 Pages	of	8
1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON					
2	Daniel S. Loeb CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) o					
	(b) x					
3	SEC USE ONLY					
4	CITIZENSHIP OR PLACE OF ORGANIZATION					
	United States					
		5	SOLE VOTI	NG POWER		
	NUMBER OF		0			
	SHARES	6	SHARED V	OTING POWER		
	BENEFICIALLY					
	OWNED BY		3,500,000			
	EACH	7	SOLE DISP	OSITIVE POWER		
	REPORTING					
	PERSON		0			
	WITH	8	SHARED D	ISPOSITIVE POWE	R	

3,500,000

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

3,500,000

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

N/A

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

3.7%

12 TYPE OF REPORTING PERSON

IN

CUSIP No. 045327103		13G	Page 4 Pages	of	8		
1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON						
2	Third Point Offshore Master Fund, L.P. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) o						
	(b) x						
3	SEC USE ONLY						
4	CITIZENSHIP OR PLACE OF ORGANIZATION						
	Cayman Islands	5	SOLE VOTI	NG POWER			
	NUMBER OF		0				
	SHARES BENEFICIALLY	6	SHARED V	OTING POWER			
	OWNED BY		1,760,994				
	EACH	7	SOLE DISPO	OSITIVE POWER			
	REPORTING		_				
	PERSON		0				

1,760,994

SHARED DISPOSITIVE POWER

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,760,994

WITH

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

N/A

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

8

1.9%

12 TYPE OF REPORTING PERSON

PN

CUS	IP No. 045327103		13G	Page Pages		of	8
1	NAME OF REPORTING PERSON S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON						
2	Third Point Advisors II L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP* (a) o						
	(b) x						
3	SEC USE ONLY						
4	CITIZENSHIP OR PLACE OF ORGANIZATION						
	Delaware	5	SOLE VOTI	NG PO'	WER		
	NUMBER OF SHARES	6	0 SHARED VO	OTING	POWER		
	BENEFICIALLY OWNED BY EACH REPORTING	7	1,760,994 SOLE DISPO	OSITIV	E POWER		
	PERSON WITH	8	0 SHARED DI	SPOSI	FIVE POWI	ER	

1,760,994

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

1,760,994

10 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES*

N/A

11 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9

1.9%

12 TYPE OF REPORTING PERSON

00

This Amendment No. 3 to Schedule 13G (this "Amendment No. 3") is being filed with respect to the common stock, par value \$0.10 per share (the "Common Stock"), of Aspen Technology, Inc., a corporation formed under the laws of the State of Delaware (the "Company"), to amend the Schedule 13G filed on March 12, 2008 (as amended by Amendment No. 1 thereto filed on January 5, 2009, Amendment No. 2 thereto filed on February 16, 2010 and this Amendment No. 3, the "Schedule 13G"). This Amendment No. 3 is being filed to report changes in the number of shares of Common Stock beneficially owned by the Reporting Persons and to report that none of the Reporting Persons beneficially own more than 5% of the Common Stock. Capitalized terms used herein and not otherwise defined have the meanings ascribed in the Schedule 13G.

Item 4: Ownership:

Item 4 is hereby amended and restated as follows:

The beneficial ownership of Common Stock by the Reporting Persons, as of the date hereof, is as follows:

A. Third Point LLC

(a) Amount beneficially owned: 3,500,000

(b) Percent of class: 3.7%. The percentages used herein and in the rest of this Schedule 13G are calculated based upon the 93,593,331 shares of Common Stock issued and outstanding as of January 31, 2011, as reported in the Company's Quarterly Report on Form 10-Q filed with the U.S. Securities and Exchange Commission (the "SEC") on February 8, 2011 for the quarterly period ended December 31, 2010.

- (c) Number of shares as to which such person has:
- (i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: 3,500,000
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: 3,500,000

B. Daniel S. Loeb

- (a) Amount beneficially owned: 3,500,000
- (b) Percent of class: 3.7%
- (i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: 3,500,000
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: 3,500,000

C. Third Point Offshore Master Fund, L.P.

- (a) Amount beneficially owned: 1,760,994
- (b) Percent of class: 1.9%
- (c) Number of shares as to which such person has:
- (i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: 1,760,994
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: 1,760,994

- D. Third Point Advisors II L.L.C.
- (a) Amount beneficially owned: -0-
- (b) Percent of class: 1.9%
- (c) Number of shares as to which such person has:
- (i) Sole power to vote or direct the vote: -0-
- (ii) Shared power to vote or direct the vote: 1,760,994
- (iii) Sole power to dispose or direct the disposition: -0-
- (iv) Shared power to dispose or direct the disposition: 1,760,994

Item 5: Ownership of Five Percent or Less of a Class:

Item 5 is hereby amended and restated as follows:

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: x

Item 10: Certification:

Each of the Reporting Persons hereby makes the following certification:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

[Signatures on following page]

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: February 11, 2011

THIRD POINT LLC

By: Daniel S. Loeb, Chief Executive Officer

By: /s/ William Song Name: William Song Title: Attorney-in-Fact

THIRD POINT OFFSHORE MASTER FUND, L.P.

- By: Third Point Advisors II L.L.C., its general partner By: Daniel S. Loeb, Managing Director
- By: /s/ William Song Name: William Song Title: Attorney-in-Fact

THIRD POINT ADVISORS II L.L.C.

By: Daniel S. Loeb, Managing Director

By: /s/ William Song Name: William Song Title: Attorney-in-Fact

DANIEL S. LOEB

By: /s/ William Song Name: William Song Title: Attorney-in-Fact

[SIGNATURE PAGE TO AMENDMENT NO. 3 TO SCHEDULE 13G

EXHIBIT INDEX

Exhibit Power of Attorney granted by Daniel S. Loeb in favor of James P. Gallagher, William Song and Joshua L.
24: Targoff, dated February 9, 2011.