

EACH
REPORTING
PERSON
WITH

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

8,000,000

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

8,000,000

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

9.1%

12 TYPE OF REPORTING PERSON

00

1 NAME OF REPORTING PERSON
S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

Daniel S. Loeb

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

(a) []
(b) [X]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

United States

5 SOLE VOTING POWER

0

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON
WITH

6 SHARED VOTING POWER

8,000,000

7 SOLE DISPOSITIVE POWER

0

8 SHARED DISPOSITIVE POWER

8,000,000

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

8,000,000

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

9.1%

12 TYPE OF REPORTING PERSON

IN

1 NAME OF REPORTING PERSON
 S.S. OR I.R.S. IDENTIFICATION NO. OF ABOVE PERSON

 Third Point Offshore Fund, Ltd.

2 CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP*

 (a) []
 (b) [X]

3 SEC USE ONLY

4 CITIZENSHIP OR PLACE OF ORGANIZATION

 Cayman Islands

5 SOLE VOTING POWER

 0

NUMBER OF
 SHARES
 BENEFICIALLY
 OWNED BY
 EACH
 REPORTING
 PERSON
 WITH

6 SHARED VOTING POWER

 4,901,200

7 SOLE DISPOSITIVE POWER

 0

8 SHARED DISPOSITIVE POWER

 4,901,200

9 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

 4,901,200

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

 5.6%

12 TYPE OF REPORTING PERSON

 00

Item 1(a): Name of Issuer:

The name of the issuer is Aspen Technology, Inc., a corporation formed under the laws of the State of Delaware (the "Company").

Item 1(b): Address of Issuer's Principal Executive Offices:

The Company's principal executive offices are located at Ten Canal Park, Cambridge, Massachusetts 02141.

Item 2(a): Name of Person Filing:

This Schedule 13G is filed by:

- (i) Third Point LLC, a Delaware limited liability company (the "Management Company"), which serves as investment manager or adviser to a variety of funds and managed accounts (such funds and accounts, collectively, the "Funds"), with respect to the Common Stock (as defined in Item 2(d)) directly owned by the Funds;
- (ii) Mr. Daniel S. Loeb ("Mr. Loeb"), who is the Chief Executive Officer of the Management Company and controls its business activities, with respect to shares of Common Stock indirectly beneficially owned by Mr. Loeb by virtue of such position; and
- (iii) Third Point Offshore Fund, Ltd., a Cayman Islands limited liability exempted company (the "Offshore Fund") which invests and trades in securities, with respect to shares of Common Stock directly held by it.

The Management Company, Mr. Loeb and the Offshore Fund are hereinafter sometimes collectively referred to as the "Reporting Persons." Any disclosures herein with respect to persons other than the Reporting persons are made on information and belief after making inquiry to the appropriate party.

Item 2(b): Address of Principal Business Office or, if None, Residence:

The address of the principal business office of the Management Company and Mr. Loeb is 390 Park Avenue, New York, New York 10022. The address of the principal business office of the Offshore Fund is c/o Walkers SPV Limited, Walker House, 87 Mary Street, George Town, Grand Cayman KY1-9002, Cayman Islands, British West Indies.

Item 2(c): Citizenship:

The Management Company is organized as a limited liability company under the laws of the State of Delaware. Mr. Loeb is a United States citizen. The Offshore Fund is organized as a limited liability exempted company under the laws of the Cayman Islands.

Item 2(d): Title of Class of Securities:

Common Stock, par value \$0.10 per share ("Common Stock").

Item 2(e): CUSIP Number:

CUSIP number of the Common Stock is 045327103.

- Item 3: If this statement is filed pursuant to Rules 13d-1(b) or

 13d-2(b) or (c), check whether the person filing is a:

- A. Broker or dealer registered under Section 15 of the Act,
 - B. Bank as defined in Section 3(a)(6) of the Act,
 - C. Insurance Company as defined in Section 3(a)(19) of the Act,
 - D. Investment Company registered under Section 8 of the Investment Company Act of 1940,
 - E. 13d-1(b)(1)(ii)(E),
 - F. Employee Benefit Plan or Endowment Fund in accordance with 13d-1 (b)(1)(ii)(F),
 - G. Parent Holding Company or control person in accordance with Rule 13d-1(b)(1)(ii)(G),
 - H. Savings Association as defined in Section 3(b) of the Federal Deposit Insurance Act,
 - I. Church Plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940,
 - J. Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

Item 4: Ownership:

The beneficial ownership of Common Stock by the Reporting Persons, as of the date of this Schedule 13G, is as follows:

A. Third Point LLC

- (a) Amount beneficially owned: 8,000,000
- (b) Percent of class: 9.1%. The percentages used herein and in the rest of this Schedule 13G are calculated based upon the 88,086,985 shares of Common Stock issued and outstanding as of May 8, 2007, as reported in the Company's Quarterly Report on Form 10-Q for the quarterly period ended March 31, 2007, which, as of the date hereof, is the most recent quarterly or annual report filed by the Company with the U.S. Securities and Exchange Commission under the Securities Exchange Act of 1934, as amended.
- (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: 8,000,000
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 8,000,000

B. Daniel S. Loeb

- (a) Amount beneficially owned: 8,000,000
- (b) Percent of class: 9.1%.
- (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: 8,000,000
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 8,000,000

C. Third Point Offshore Fund, Ltd.

- (a) Amount beneficially owned: 4,901,200
- (b) Percent of class: 5.6%.
- (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: 4,901,200
 - (iii) Sole power to dispose or direct the disposition: -0-
 - (iv) Shared power to dispose or direct the disposition: 4,901,200

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

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: []

Item 6: Ownership of More than Five Percent on Behalf of Another Person:

Other than as set forth herein, no other person has the right to receive or the power to direct the receipt of dividends from, or proceeds from the sale of, in excess of 5% of the total outstanding Common Stock.

Item 7: Identification and Classification of the Subsidiary Which

Acquired the Security Being Reported on by the Parent Holding

Company:

Not applicable.

Item 8: Identification and Classification of Members of the Group:

Not applicable.

Item 9: Notice of Dissolution of Group:

Not applicable.

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: March 12, 2008

THIRD POINT LLC

By: Daniel S. Loeb, Chief Executive Officer

By: /s/ Keith Waller

Name: Keith Waller
Title: Attorney-in-Fact

THIRD POINT OFFSHORE FUND, LTD.

By: Daniel S. Loeb, Director

By: /s/ Keith Waller

Name: Keith Waller
Title: Attorney-in-Fact

DANIEL S. LOEB

By: /s/ Keith Waller

Name: Keith Waller
Title: Attorney-in-Fact

[SIGNATURE PAGE TO SCHEDULE 13G WITH RESPECT TO ASPEN TECHNOLOGY, INC.]

EXHIBIT INDEX

Exhibit 99.1: Joint Filing Agreement, dated March 12, 2008, by and between the Reporting Persons.

Exhibit 99.2: Power of Attorney granted by Mr. Daniel S. Loeb in favor of Zachary Snow, Keith Waller, and Bruce Wilson, dated February 11, 2008.

JOINT FILING AGREEMENT
PURSUANT TO RULE 13d-1(k)(1)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of each of the undersigned without the necessity of filing additional joint filing agreements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning it contained therein, but shall not be responsible for the completeness and accuracy of the information concerning the others, except to the extent that it knows or has reason to believe that such information is inaccurate. This Agreement may be executed in any number of counterparts and all of such counterparts taken together shall constitute one and the same instrument.

Dated: March 12, 2008

THIRD POINT LLC

By: Daniel S. Loeb, Chief Executive Officer

By: /s/ Keith Waller

Name: Keith Waller
Title: Attorney-in-Fact

THIRD POINT OFFSHORE FUND, LTD.

By: Daniel S. Loeb, Director

By: /s/ Keith Waller

Name: Keith Waller
Title: Attorney-in-Fact

DANIEL S. LOEB

By: /s/ Keith Waller

Name: Keith Waller
Title: Attorney-in-Fact

[SIGNATURE PAGE TO JOINT FILING AGREEMENT WITH RESPECT TO
ASPEN TECHNOLOGY, INC.]

POWER OF ATTORNEY

KNOW ALL MEN BY THESE PRESENTS THAT the undersigned hereby constitute and appoint ZACHARY SNOW, KEITH WALLER and BRUCE WILSON and each of them severally, as the true and lawful attorneys and agents of each of the undersigned, with power to act with or without the others and with full power of substitution and resubstitution, to execute in the name, place and stead of each of the undersigned any statement or report, including any amendment to any statement or report, required to be filed with respect to the undersigned (whether such filing includes one or more or all of the undersigned) under Section 13 or Section 16 of the United States Securities Exchange Act of 1934, as amended, and any rules, regulations and requirements thereunder, including any forms or statements required to be submitted in connection with any electronic filing, or any statement or report, including any amendment to any statement or report, required to be filed with respect to any of the undersigned under any comparable laws, rules, regulations and requirements of any foreign jurisdiction, and to file any of the same with the Securities and Exchange Commission and any other appropriate U.S. and foreign regulatory authorities, said attorneys and agents having full power and authority to do and perform in the name and on behalf of any of the undersigned every act necessary to be done in the premises as fully and as effectually as the undersigned might or could do in person; and each of the undersigned hereby ratifies and confirms all that said attorneys and agents shall do or cause to be done by virtue hereof.

IN WITNESS WHEREOF, the undersigned has subscribed these presents as of February 11, 2008.

/s/ Daniel S. Loeb

Daniel S. Loeb

THIRD POINT LLC

By: /s/ Daniel S. Loeb

Name: Daniel S. Loeb
Title: Chief Executive Officer

THIRD POINT OFFSHORE FUND, LTD.

By: /s/ Daniel S. Loeb

Name: Daniel S. Loeb
Title: Director

[Additional signatures on following page]

THIRD POINT PARTNERS LP

By: Third Point Advisors LLC, its General Partner

By: /s/ Daniel S. Loeb

Name: Daniel S. Loeb
Title: Managing Member

THIRD POINT PARTNERS QUALIFIED LP

By: Third Point Advisors LLC, its General

Partner

By: /s/ Daniel S. Loeb

Name: Daniel S. Loeb
Title: Managing Member

THIRD POINT ULTRA LTD.

By: Third Point LLC, its Investment Manager

By: /s/ Daniel S. Loeb

Name: Daniel S. Loeb
Title: Chief Executive Officer

LYXOR/THIRD POINT FUND LIMITED

By: Third Point LLC, its Investment Manager

By: /s/ Daniel S. Loeb

Name: Daniel S. Loeb
Title: Chief Executive Officer

[Signatures to Power of Attorney]