# UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

SCHEDULE 13D (RULE 13D-101)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULE 13D-1(a) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13D-2(a) (AMENDMENT NO. 1)(1)

Aspen Technology, Inc.

(Name of issuer)
Common Stock, par value \$0.10
(Title of class of securities)
045327103
(CUSIP number)
Jarlyth H. Gibson, Assistant Compliance Officer 617-951-9493 C/o Advent International Corporation, 75 State Street, 29th Floor Boston, MA 02109
(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)
May 18, 2006
(Date of event which requires filing of this statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box:.[]

Note. Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7(b) for other parties to whom copies are to be sent.

(Continued on following pages) (Page 1 of 23 Pages)

(1) 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 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 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).

- --- 1 NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Advent International Corporation --- 2 CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ----------------------------------- 3 SEC USE ONLY - ----------------- 4 Source of Funds WC - ----------------------Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - --------------------------- 6 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ------------ NUMBER OF 7 SOLE VOTING POWER SHARES 33,136,006 --

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DENEETCTALLY
BENEFICIALLY
8 SHARED
VOTING POWER
None
None
OWNED BY 9
SOLE
DISPOSITIVE
POWER EACH
REPORTING
PERSON
33,136,006
- WITH 10
SHARED
DISPOSITIVE
POWER None -
11
11
AGGREGATE
AMOUNT
BENEFICIALLY
OWNED BY EACH
REPORTING
PERSON
33 136 006 -
33,136,006 -
12
12 CHECK BOX IF
12 CHECK BOX IF THE AGGREGATE
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- ------------------------------NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Advent International Limited Partnership --------------------------CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ---------------- 3 SEC USE ONLY -----Source of Funds WC - -----------------Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - ------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ------- NUMBER OF 7 SOLE **VOTING POWER** 

SHARES 32,521,947 --

BENEFICIALLY 8 SHARED VOTING POWER None
OWNED BY 9 SOLE DISPOSITIVE POWER EACH REPORTING PERSON 32,521,947
- WITH 10 SHARED DISPOSITIVE POWER None -
11
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 32,521,947 -
12
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [] -
13 PERCENT OF CLASS
REPRESENTED BY AMOUNT IN ROW (9) 41.8%
TYPE OF REPORTING PERSON* PN -

- ------------------------------------NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Global Private Equity IV Limited Partnership ---------------------CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ----------- 3 SEC USE ONLY ---------------Source of Funds WC - ---------------------- 5 Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - ------------- 6 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ------- NUMBER OF 7 SOLE

VOTING POWER SHARES

16,197,804
BENEFICIALLY 8 SHARED VOTING POWER None
OWNED BY 9 SOLE DISPOSITIVE POWER EACH REPORTING PERSON 16,197,804
- WITH 10 SHARED DISPOSITIVE POWER None -
11 AGGREGATE
AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 16,197,804
12 CHECK BOX IF
THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] -
13 PERCENT OF
CLASS REPRESENTED BY AMOUNT IN ROW (9) 26.4%
TYPE OF REPORTING PERSON* PN -

Schedule 13D

- -----------------------------------NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Global Private Equity III Limited Partnership -------------------------------CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] --------------- 3 SEC USE ONLY ----------Source of Funds WC - -----------------Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - ------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ------- NUMBER OF 7 SOLE **VOTING POWER** 

SHARES 4,639,041 ---

-----BENEFICIALLY 8 SHARED VOTING POWER None ----------OWNED BY 9 SOLE DISPOSITIVE POWER EACH REPORTING **PERSON** 4,639,041 --------WITH 10 SHARED DISPOSITIVE POWER None -----------\_\_\_\_\_\_ ----- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING **PERSON** 4,639,041 - ------\_\_\_\_\_\_ --------------- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] -\_\_\_\_\_ --------------- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.3% -------------------- 14 TYPE OF REPORTING PERSON\* PN -------------------------------

- -- 1 NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Advent Partners GPE-IV Limited Partnership ------------------------------------CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ---------------- 3 SEC USE ONLY - ----------------Source of Funds WC - -----------------Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - ---------------------- 6 CITIZENSHIP OR PLACE OF ORGANIZATION Bermuda - ------- NUMBER OF 7 SOLE **VOTING POWER** SHARES

205,017 -----

-----BENEFICIALLY 8 SHARED VOTING POWER None --------------------OWNED BY 9 SOLE DISPOSITIVE POWER EACH REPORTING **PERSON** 205,017 --------------WITH 10 SHARED DISPOSITIVE POWER None ----------------\_\_\_\_\_\_ ----- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING **PERSON** 205,017 - -------------\_\_\_\_\_\_ ------------------- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] ------\_\_\_\_\_\_ --------------- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 0.5% ------------------------- 14 TYPE OF REPORTING PERSON\* PN -------------------------------

- -----------------------------------NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Advent PGGM Global Limited Partnership -------------------------------CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] -----------SEC USE ONLY ----------Source of Funds WC - -----------------Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - ------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ------- NUMBER OF 7 SOLE **VOTING POWER** SHARES 463,882 -----

-----BENEFICIALLY 8 SHARED VOTING POWER None --------------------OWNED BY 9 SOLE DISPOSITIVE POWER EACH REPORTING **PERSON** 463,882 ---------------WITH 10 SHARED DISPOSITIVE POWER None ----------------\_\_\_\_\_\_ ----- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING **PERSON** 463,882 - -------------\_\_\_\_\_\_ ------------------- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] ------\_\_\_\_\_\_ --------------- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.0% ------------------------------ 14 TYPE OF REPORTING PERSON\* PN -------------------------------

- -----------------------------------NAME OF REPORTING PERSON I.R.S. **IDENTIFICATION** NO. OF ABOVE PERSON (ENTITIES ONLY) Advent Partners GPE-III Limited Partnership --- 2 CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ----------------------------------- 3 SEC USE ONLY - -------------------------- 4 Source of Funds WC - --------------------------- 5 Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - ----------------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ----------------- NUMBER OF 7 SOLE **VOTING POWER** 

SHARES 39,723

----------BENEFICIALLY 8 SHARED **VOTING POWER** None --------------------OWNED BY 9 S0LE DISPOSITIVE POWER EACH REPORTING PERSON 39,723 ------------------ WITH 10 SHARED DISPOSITIVE POWER None -------------------------- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 39,723 - ------------------------------------- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] ----------------\_\_\_\_\_ -----PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 0.1% ----------------------------------- 14 TYPE OF REPORTING PERSON\* PN -------------------------------

- -----------------------------------NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Advent Partners (NA) GPE-III Limited Partnership -------------------------------CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ---------------- 3 SEC USE ONLY -----Source of Funds WC - -----------------Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - -----------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ------- NUMBER OF 7 SOLE

**VOTING POWER** SHARES 11,807

BENEFICIALLY
8 SHARED
VOTING POWER
None
None
OWNED BY 9
SOLE
DISPOSITIVE
POWER EACH
REPORTING
PERSON 11,807
WITH 10
SHARED
DISPOSITIVE
POWER None -
11
AGGREGATE
AMOUNT
BENEFICIALLY
OWNED BY EACH
REPORTING
PERSON 11,807
12
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CUSIP NO. 045327103 - -----------------------------------NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Digital Media & Communications III Limited Partnership -------------------------------CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ---------------- 3 SEC USE ONLY ----------Source of Funds WC - -----------------Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - -----------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ------- NUMBER OF 7 SOLE **VOTING POWER** 

SHARES 2,141,868 ---

BENEFICIALLY 8 SHARED VOTING POWER None ----------OWNED BY 9 SOLE DISPOSITIVE POWER EACH REPORTING **PERSON** 2,141,868 --------WITH 10 SHARED DISPOSITIVE POWER None -----------\_\_\_\_\_\_ ----- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING **PERSON** 2,141,868 - --------------------- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] ---------------- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 4.5% --------------- 14 TYPE OF REPORTING PERSON\* PN --------------------------

CUSIP NO. 045327103 - -----------------------------------NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Digital Media & Communications III-A Limited Partnership -------------------------------CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ---------------- 3 SEC USE ONLY ----------Source of Funds WC - ----------------------Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - -----------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ------- NUMBER OF 7 SOLE VOTING POWER

SHARES 1,060,396 ---

BENEFICIALLY 8 SHARED VOTING POWER None ----------OWNED BY 9 SOLE DISPOSITIVE POWER EACH REPORTING **PERSON** 1,060,396 --------WITH 10 SHARED DISPOSITIVE POWER None -----------\_\_\_\_\_\_ ----- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING **PERSON** 1,060,396 - ----------------CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] ---------------- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 2.3% --------------- 14 TYPE OF REPORTING PERSON\* PN ---------------------

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--------------------NAME OF REPORTING PERSON I.R.S. **IDENTIFICATION** NO. OF ABOVE PERSON (ENTITIES ONLY) Digital Média & Communications III-B Limited Partnership -------------------------------CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] -----------SEC USE ONLY ----------Source of Funds WC - -----------------Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - ------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ------- NUMBER OF 7 SOLE VOTING POWER SHARES 265,044 -----

BENEFICIALLY 8 SHARED VOTING POWER None
OWNED BY 9 SOLE DISPOSITIVE POWER EACH REPORTING PERSON 265,044 WITH 10 SHARED DISPOSITIVE POWER None
CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES []

- ------------------------------------NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Digital Media & Communications III-C Limited Partnership -------------------------------CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ----------- 3 SEC USE ONLY ---------------Source of Funds WC - ---------------------- 5 Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - ------------- 6 CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ------- NUMBER OF 7 SOLE

VOTING POWER SHARES

4,241,474 BENEFICIALLY 8 SHARED VOTING POWER None OWNED BY 9 SOLE
DISPOSITIVE POWER EACH REPORTING PERSON 4.241.474
4,241,474
WITH 10 SHARED DISPOSITIVE POWER None -
11
AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON
4,241,474
12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW
(9) EXCLUDES CERTAIN SHARES [ ] -
13
PERCENT OF CLASS REPRESENTED BY AMOUNT IN
14
REPORTING PERSON* PN -

- -----------------------------------NAME OF REPORTING PERSON I.R.S. **IDENTIFICATION** NO. OF ABOVE PERSON (ENTITIES ONLY) Digital Media & Communications III-D C.V. --- 2 CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ----------------------------------- 3 SEC USE ONLY - -------------------------- 4 Source of Funds WC - -------------------------------- 5 Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - ----------------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Netherlands ------NUMBER OF 7 SOLE VOTING

POWER SHARES 795,242 -----

-----BENEFICIALLY 8 SHARED **VOTING POWER** None --------------------OWNED BY 9 S0LE DISPOSITIVE POWER EACH REPORTING **PERSON** 795,242 --------------------WITH 10 SHARED DISPOSITIVE POWER None ---------------- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 795,242 - ------------------\_\_\_\_\_\_ --------- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] -------------------------- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.7% - ------------------------------ 14 TYPE OF REPORTING PERSON\* PN -------------------------------

- -----------------------------------NAME OF REPORTING PERSON I.R.S. **IDENTIFICATION** NO. OF ABOVE PERSON (ENTITIES ONLY) Digital Media & Communications III-E C.V. --- 2 CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ------------------------------ 3 SEC USE ONLY - -------------------------- 4 Source of Funds WC - -------------------------------- 5 Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - ----------------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Netherlands ------NUMBER OF 7 SOLE VOTING

POWER SHARES 530,198 ----

-----BENEFICIALLY 8 SHARED **VOTING POWER** None --------------------OWNED BY 9 S0LE DISPOSITIVE POWER EACH REPORTING **PERSON** 530,198 --------------------WITH 10 SHARED DISPOSITIVE POWER None ---------------- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 530,198 - ------------------\_\_\_\_\_\_ --------- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] -------------------------- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 1.2% - ------------------------------ 14 TYPE OF REPORTING PERSON\* PN -------------------------------

Schedule 13D

- -----------------------------------NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Advent Partners DMC III Limited Partnership --- 2 CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ----------------------------------- 3 SEC USE ONLY - -------------------------- 4 Source of Funds WC - -------------------------------- 5 Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - ----------------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ----------------- NUMBER OF 7 SOLE VOTING POWER SHARES

122,922 -----

-----BENEFICIALLY 8 SHARED **VOTING POWER** None --------------------OWNED BY 9 S0LE DISPOSITIVE POWER EACH REPORTING **PERSON** 122,922 ---------------WITH 10 SHARED DISPOSITIVE POWER None -----------\_\_\_\_\_\_ ----- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 122,922 - ------------------\_\_\_\_\_\_ --------- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] ------\_\_\_\_\_ --------------- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 0.3% - ----------------------------------- 14 TYPE OF REPORTING PERSON\* PN -------------------------------

- -----------------------------------NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Advent Energy II Limited Partnership --- 2 CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ------------------------------ 3 SEC USE ONLY - -------------------------- 4 Source of Funds WC - -------------------------------- 5 Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - -----------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ----------------- NUMBER OF 7 SOLE VOTING POWER SHARES 2,186,998 ---

-----BENEFICIALLY 8 SHARED **VOTING POWER** None --------------------OWNED BY 9 S0LE DISPOSITIVE POWER EACH REPORTING **PERSON** 2,186,998 ------------------WITH 10 SHARED DISPOSITIVE POWER None ----------- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,186,998 - --------------------- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] -------------------------- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 4.6% - ------------------------------ 14 TYPE OF REPORTING PERSON\* PN -------------------------------

CUSIP NO. 045327103 - -----------------------------------NAME OF REPORTING PERSON I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY) Advent Partners II Limited Partnership --- 2 CHECK THE **APPROPRIATE** BOX IF A MEMBER OF A GROUP\* (a) [X] (b) [ ] ------------------------------ 3 SEC USE ONLY - -------------------------- 4 Source of Funds WC - -------------------------------- 5 Check if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2 (e) - ----------------------------------CITIZENSHIP OR PLACE OF ORGANIZATION Delaware - ----------------- NUMBER OF 7 SOLE VOTING POWER SHARES 234,590 -----

-----BENEFICIALLY 8 SHARED **VOTING POWER** None --------------------OWNED BY 9 S0LE DISPOSITIVE POWER EACH REPORTING **PERSON** 234,590 --------------------WITH 10 SHARED DISPOSITIVE POWER None -----------\_\_\_\_\_\_ ----- 11 AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 234,590 - ------------------\_\_\_\_\_\_ --------- 12 CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES [ ] ------\_\_\_\_\_ --------------- 13 PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 0.5% - ----------------------------------- 14 TYPE OF REPORTING PERSON\* PN -------------------------------

### Item 1. Security and Issuer

This statement on Amendment No. 1 to Schedule 13D ("Amendment No. 1") relates to the Reporting Persons' (as defined in Item 2 below) beneficial ownership interest in the Common Stock, par value \$0.10 per share, of Aspen Technology, Inc., a Delaware corporation (the "Corporation"). The address of the principal executive office of the Corporation is Ten Canal Park, Cambridge, MA 02141. This Amendment No. 1 amends the initial statement on Schedule 13D filed on August 22, 2003 (the "Initial Statement"), filed by the Reporting Persons (as defined herein). This Amendment No. 1 is being filed by the Reporting Persons to amend Item 2, Item 5 and Schedule A to the Initial Statement. Capitalized terms used but not defined herein shall have the meanings ascribed to them in the Initial Statement. The Initial Statement is amended as follows:

## Item 2. Identity and Background

- (a) (b) (c) (f) This statement is being filed by the following entities:
  - $\hbox{(1)} \qquad \text{Advent International Corporation, a Delaware corporation;}$
  - (2) Advent International Limited Partnership, a Delaware limited partnership;
  - (3) Global Private Equity IV Limited Partnership, a Delaware limited partnership;
  - (4) Advent Partners GPE-IV Limited Partnership, a Delaware limited partnership;
  - (5) Advent PGGM Global Limited Partnership, a Delaware limited partnership;
  - (6) Advent Partners GPE-III Limited Partnership, a Delaware limited partnership;
  - (7) Advent Partners (NA) GPE-III Limited Partnership, a Delaware limited partnership;
  - (8) Digital Media & Communications III Limited Partnership, a Delaware limited partnership;
  - (9) Digital Media & Communications III-A Limited Partnership, a Delaware limited partnership;
  - (10) Digital Media & Communications III-B Limited Partnership, a Delaware limited partnership;
  - (11) Digital Media & Communications III-C Limited Partnership, a Delaware limited partnership;
  - (12) Digital Media & Communications III-D C.V., a Netherlands limited partnership;
  - (13) Digital Media & Communications III-E C.V., a Netherlands limited partnership;
  - (14) Advent Partners DMC-III Limited Partnership, a Delaware limited partnership;

- (15) Advent Energy II Limited Partnership, a Delaware limited partnership:
- (16) Advent Partners II Limited Partnership, a Delaware limited partnership;
- (17) Global Private Equity III Limited Partnership, a Delaware limited partnership.

Advent International Corporation is a Delaware corporation with its principal and business address at 75 State Street, Boston, Massachusetts 02109. Advent International Corporation is an investment advisory firm. Advent International Corporation is the General Partner of Advent Partners II Limited Partnership, Advent Partners DMC III Limited Partnership, Advent Partners GPE-IV Limited Partnership, Advent Partners GPE-III Limited Partnership, Advent Partners (NA) GPE-III Limited Partnership and Advent International Limited Partnership, which is in turn the general partner of Global Private Equity III Limited Partnership, Global Private Equity IV Limited Partnership, Advent PGGM Global Limited Partnership, Digital Media & Communications III Limited Partnership, Digital Media & Communications III-A Limited Partnership, Digital Media & Communications III-C Limited Partnership, Digital Media & Communications III-C Limited Partnership, Digital Media & Communications III-D C.V., Digital Media & Communicati

The principal business of Advent Partners II Limited Partnership, Advent Partners DMC III Limited Partnership, Advent Partners GPE-IV Limited Partnership, Advent Partners GPE-IV Limited Partnership, Advent Partners (NA) GPE-III Limited Partnership, Global Private Equity III Limited Partnership, Global Private Equity IV Limited Partnership, Advent PGGM Global Limited Partnership, Digital Media & Communications III Limited Partnership, Digital Media & Communications III-B Limited Partnership, Digital Media & Communications III-B Limited Partnership, Digital Media & Communications III-C Limited Partnership, Digital Media & Communications III-D C.V., Digital Media & Communications III-E C.V., and Advent Energy II Limited Partnership is to provide risk capital for, and make investments in the securities of, privately held and other businesses.

The persons serving as directors and executive officers of Advent International Corporation are set forth on Schedule A hereto.

The entities listed in subparagraph (1) through (17) above are herein collectively referred to as the "Reporting Persons" and individually as a "Reporting Person." The principal business address of all of the Reporting Persons is c/o Advent International Corporation, 75 State, Boston, MA 02109.

(d) (e) During the last five years, none of the Reporting Persons nor any person listed on Schedule A has been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors). During the last five years, none of the Reporting Persons nor any person listed on Schedule A has been a party to a civil proceeding of a judicial or administrative body of competent jurisdiction as a result of which any such person was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities

subject to, Federal or State securities laws or finding any violations with respect to such laws.

- Item 5. Interest in Securities of the Issuer.
- (a) The following table sets forth the aggregate number and percentage of the Common Stock beneficially owned by each Reporting Person named in Item 2 of this statement (based upon 45,221,496 shares of Common Stock outstanding as May 5, 2006). The aggregate number and percentage of the Common Stock beneficially owned by each Reporting Person is calculated in accordance with Rule 13d-3.

	Number of Shares			Percentage
Reporting Person	Common	Under Warrants	Total	of Shares Outstanding
Global Private Equity IV Limited Partnership (1) Advent PGGM Global Limited Partnership (1) Global Private Equity III Limited Partnership (1) Digital Media & Communications III Limited Partnership (1) Digital Media & Communications III-A Limited Partnership (1) Digital Media & Communications III-B Limited Partnership (1) Digital Media & Communications III-C Limited Partnership (1) Digital Media & Communications III-D C.V. (1) Digital Media & Communications III-E C.V. (1) Advent Energy II Limited Partnership (1) Advent Partners GPE-IV Limited Partnership (2) Advent Partners GPE-III Limited Partnership (2) Advent Partners NA) GPE-III Limited Partnership (2) Advent Partners DMC III Limited Partnership (2) Advent Partners II Limited Partnership (2)	13, 261, 900 379, 802 3, 798, 200 1, 753, 648 868, 196 217, 004 3, 472, 694 651, 102 434, 098 1, 790, 598 167, 857 32, 523 9, 667 100, 642 192, 069	2,935,904 84,080 840,841 388,220 192,200 48,040 768,780 144,140 96,100 396,400 37,160 7,200 2,140 22,280 42,521	16, 197, 804 463, 882 4,639,041 2,141,868 1,060,396 265,044 4,241,474 795,242 530,198 2,186,998 205,017 39,723 11,807 122,922 234,590	26.4% 1.0% 9.3% 4.5% 2.3% 0.6% 8.6% 1.7% 1.2% 4.6% 0.5% 0.1% 0.0% 0.3%
Advent International Limited Partnership (1) Advent International Corporation (1), (2)	26,627,242 27,130,000	5,894,705 6,006,006	32,521,947 33,136,006	41.8% 42.3%
Total Group	27,130,000	6,006,006	33,136,006	42.3%

- (1) Advent International Corporation ("AIC") is the General Partner of Advent International Limited Partnership ("AILP") which in turn is the General Partner of the indicated Reporting Persons. As such, AIC has the sole power to vote and dispose of the securities owned by the indicated Reporting Persons. The beneficial ownership of AIC and AILP derive from such power.
- (2) AIC is the General Partner of the indicated Reporting Person. As such, AIC has the sole power to vote and dispose of the securities owned by the indicated reporting persons. The beneficial ownership of AIC derives from such power.
- (b) Each of the Reporting Persons listed in the table set forth above has sole voting and dispositive power over the Common Stock beneficially owned by it as indicated above.
- (c) On May 17, 2006, the Reporting Persons converted an aggregate of 30,300 shares of Series D-1 Convertible Preferred Stock ("Series D-1") into 3,000,000 shares of Common Stock at a conversion rate equal to the Series D-1 per share stated value of \$333.00 divided by the Series D-1 per share conversion price of \$3.33. On May 18, 2006, the Reporting Persons sold an aggregate of 2,900,000 shares of common stock at \$11.30 per share in broker transactions pursuant to Rule 144 under the Securities Act of 1933, as amended.

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## 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.

June 6, 2006

Global Private Equity IV Limited Partnership
Global Private Equity III Limited Partnership
Advent PGGM Global Limited Partnership
Digital Media & Communications III Limited Partnership
Digital Media & Communications III-A Limited Partnership
Digital Media & Communications III-B Limited Partnership
Digital Media & Communications III-C Limited Partnership
Digital Media & Communications III-C Limited Partnership
Digital Media & Communications III-C C.V.
Digital Media & Communications III-E C.V.
Advent Energy II Limited Partnership

By: Advent International Limited Partnership,
General Partner
By: Advent International Corporation,
General Partner
By: Jarlyth H. Gibson, Assistant Compliance Officer\*

Advent International Limited Partnership
Advent Partners II Limited Partnership

Advent Partners GPE-IV Limited Partnership Advent Partners GPE-III Limited Partnership Advent Partners (NA) GPE-III Limited Partnership Advent Partners DMC-III Limited Partnership

By: Advent International Corporation, General Partner

By: Jarlyth H. Gibson, Assistant Compliance Officer \*

ADVENT INTERNATIONAL CORPORATION

By: Jarlyth H. Gibson, Assistant Compliance Officer \*

\*For all of the above:

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SCHEDULE A

The name and present principal occupation of each executive officer and director of Advent International Corporation is set forth below. The business address of each executive officer and director of Advent International Corporation is c/o Advent International Corporation, 75 State Street, Boston, Massachusetts 02109. All of the persons listed below are United States citizens.

## Advent International Corporation

Position with Principal Advent International Occupation (if different) Corporation Name Chairman

Peter A. Brooke

Thomas H. Lauer Senior Vice President Managing Director Chief Financial Officer Assistant Secretary Executive Officers Committee Member

Ernest G. Bachrach Executive Officers' Committee Member

David M. Mussafer Director Executive Officers' Committee Member

William C. Schmidt Executive Officers'

Committee Member

John B. Singer Executive Officers' Committee Member

Steven M. Tadler Director

Executive Officers' Committee Member

Senior Vice President of Finance Janet L. Hennessy

Partner

Chief Compliance Officer Assistant Secretary

John F. Brooke Director General Partner of

Brooke Private Equity

Mark Hoffman Chairman of Director Cambridge

Research Group

Secretary David W. Watson Attorney