

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * <u>Hague John</u> <hr/> (Last) (First) (Middle) C/O ASPENTECHNOLOGY, INC. 20 CROSBY DRIVE <hr/> (Street) BEDFORD MA 01730 <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 01/14/2020	3. Issuer Name and Ticker or Trading Symbol ASPEN TECHNOLOGY INC /DE/ [AZPN]	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) EVP, Operations	5. If Amendment, Date of Original Filed (Month/Day/Year) <hr/> 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	13,891	D	

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Common Stock Option (Right to Buy)	(1)	07/31/2023	Common Stock	2,977	32.54	D	
Common Stock Option (Right to Buy)	(2)	07/31/2024	Common Stock	2,230	43.44	D	
Common Stock Option (Right to Buy)	(3)	08/02/2025	Common Stock	1,817	44.38	D	
Common Stock Option (Right to Buy)	(4)	08/31/2026	Common Stock	1,925	45.46	D	
Common Stock Option (Right to Buy)	(5)	08/31/2027	Common Stock	2,188	63.25	D	
Common Stock Option (Right to Buy)	(6)	09/14/2027	Common Stock	770	63.77	D	
Common Stock Option (Right to Buy)	(7)	09/03/2028	Common Stock	6,020	115.36	D	
Common Stock Option (Right to Buy)	(8)	09/02/2029	Common Stock	6,136	133.2	D	

Explanation of Responses:

- The options vested in 16 equal consecutive installments beginning on 9/30/13 and the remainder on the last day of each quarter thereafter.
- The options vested in 16 equal consecutive installments beginning on 9/30/14 and the remainder on the last day of each quarter thereafter.
- The options vested in 16 equal consecutive installments beginning on 9/30/15 and the remainder on the last day of each quarter thereafter.
- The options vest in 16 equal consecutive installments beginning on 9/30/16 and the remainder on the last day of each quarter thereafter.
- The options vest in 16 equal consecutive installments beginning on 9/29/17 and the remainder on the last day of each quarter thereafter.
- The options vest in 16 equal consecutive installments beginning on 12/29/17 and the remainder on the last day of each quarter thereafter.
- The options vest in 16 equal consecutive installments beginning on 9/28/18 and the remainder on the last day of each quarter thereafter.
- The options vest in 16 equal consecutive installments beginning on 9/30/19 and the remainder on the last day of each quarter thereafter.

/s/F.G. Hammond, attorney-in-fact for Mr. Hague 01/27/2020

** Signature of Reporting Person Date

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

* If the form is filed by more than one reporting person, see Instruction 5 (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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.