

Pietrantoni David
 Form 4
 November 13, 2017

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
 Pietrantoni David

2. Issuer Name and Ticker or Trading Symbol
 BROOKS AUTOMATION INC
 [BRKS]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 15 ELIZABETH DRIVE
 (Street)

3. Date of Earliest Transaction
 (Month/Day/Year)
 11/08/2017

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 Principal Accounting Officer

CHELMSFORD, MA 01824

(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	11/08/2017		A		2,102 (1)	A	\$ 0 70,964 D
Common Stock	11/08/2017		A		347 (2)	A	\$ 0 71,311 D
Common Stock	11/09/2017		S		3,071 (3)	D	\$ 28.55 68,240 D

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

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number.

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

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned (Instr. 5)
				Code V (A) (D)		Date Exercisable Expiration Date	Title Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Pietrantoni David 15 ELIZABETH DRIVE CHELMSFORD, MA 01824			Principal Accounting Officer	

Signatures

/s/ Jason W. Joseph, Attorney-in-fact for David F. Pietrantoni
 **Signature of Reporting Person
 Date 11/10/2017

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).
- (1) Grant of restricted stock units to the Reporting Person under the Company's Long Term Incentive Plan. No amount was paid upon grant of the units. The units are subject to time-based vesting and will vest 33-1/3% per year, beginning on November 15, 2018.
 An initial grant of 25,000 restricted stock units (RSUs) was received on November 5, 2014 and reported on Form 4 dated November 6, 2014. The grant contained 7,500 performance-based units subject to performance-based vesting requirements, measured at the three-year period ended September 30, 2017, resulting in the achievement of 104.63%, or 7,847 of the performance-based units. This transaction represents a grant of an additional 347 RSUs. No amount was paid upon grant of RSUs.
- (2) The sale of shares by the reporting person to satisfy the reporting person's obligations with respect to withholding taxes in connection with the vesting on November 8, 2017 of 7,847 restricted stock units held by the reporting person.
- (3) The sale of shares by the reporting person to satisfy the reporting person's obligations with respect to withholding taxes in connection with the vesting on November 8, 2017 of 7,847 restricted stock units held by the reporting person.

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.