Morelli Mark D Form 4 February 11, 2013

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

Check this box if no longer

subject to Section 16. Form 4 or Form 5

obligations may continue. See Instruction 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(b).

(Last)

Common

Stock

1. Name and Address of Reporting Person *

(First) (Middle)

15 ELIZABETH DRIVE

(Street)

CHELMSFORD, MA 01824

2. Issuer Name and Ticker or Trading

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

02/07/2013

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

3.

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

Morelli Mark D Issuer Symbol **BROOKS AUTOMATION INC** (Check all applicable) [BRKS]

> Director 10% Owner X_ Officer (give title Other (specify below)

5. Relationship of Reporting Person(s) to

below) **EVP** - Chief Operating Officer

6. Individual or Joint/Group Filing(Check

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

4. Securities

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

02/07/2013

TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Instr. 8)

5. Amount of Securities Beneficially Owned Following Reported

Form: Direct (D) or Indirect (I) (Instr. 4)

D

6. Ownership 7. Nature of Indirect Beneficial Ownership (Instr. 4)

Transaction(s) (Instr. 3 and 4) Price

Code V Amount (D) 9,714 F D 290,286 (1) 9.9

(A)

or

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumber		Expiration D	ate	Amount of		Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underly	ing	Security	Secu
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative Securities Acquired		Securities (Instr. 3 and 4)		(Instr. 5)	Bene	
	Derivative									Own	
	Security									Follo	
					(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								Δ	mount		
								0			
						Date	Expiration		l Jumber		
						Exercisable	Date	0			
				Code V	(A) (D)				hares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Morelli Mark D 15 ELIZABETH DRIVE CHELMSFORD, MA 01824

EVP - Chief Operating Officer

Signatures

/s/ Jason W. Joseph, attorney-in-fact for Mark D. Morelli

02/11/2013

**Signature of Reporting Person

Date

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).
- Forfeiture of shares by the reporting person to satisfy the reporting person's obligations with respect to withholding taxes in connection (1) with the vesting on February 7, 2013 of an aggregate of 29,167 shares of restricted stock 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.

Reporting Owners 2