

Marvell Gregory  
 Form 4/A  
 March 15, 2010

**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 \*  
 Marvell Gregory

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)  
 C/O BROOKS AUTOMATION,  
 INC., 15 ELIZABETH DRIVE  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 02/04/2010

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 VP, Extended Factory Group

CHELMSFORD, MA 01824

4. If Amendment, Date Original Filed(Month/Day/Year)  
 02/08/2010

6. Individual or Joint/Group Filing(Check Applicable Line)  
 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**

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	(A) or (D)	Price
Common Stock	02/04/2010		A		15,000	A	\$ 0 <u>(1)</u>
					97,489	D	

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

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SEC 1474  
 (9-02)

**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 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 Owned Following Reporting Transaction (Instr. 6)
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**Reporting Owners**

Reporting Owner Name / Address	Relationships				Amount or Number of Shares
	Director	10% Owner	Officer	Other	
Marvell Gregory C/O BROOKS AUTOMATION, INC. 15 ELIZABETH DRIVE CHELMSFORD, MA 01824			VP, Extended Factory Group		

**Signatures**

/s/ Thomas S. Grilk, attorney-in-fact for Gregory A. Marvell 03/15/2010

\*\*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).
- (1) The vesting schedule that these shares are subject to was incorrectly reported on the Form 4 filed February 8, 2010. Footnote 1 should have stated, "Grant of restricted shares to the reporting person. No amount was paid upon grant of the shares. The shares vest 33-1/3% per year, beginning on the first anniversary of the grant." The Form 4 filed by the reporting person on March 2, 2010 was unaffected by this error.

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.