

BROOKS AUTOMATION INC  
 Form 4/A  
 December 13, 2006

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL  
 OMB Number: 3235-0287  
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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 \*  
 GENTILCORE JAMES

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, 15  
 ELIZABETH DRIVE  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 10/26/2006

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 President & COO

CHELMSFORD, MA 01824

4. If Amendment, Date Original Filed(Month/Day/Year)  
 10/27/2006

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 <sup>(1)</sup>	10/26/2006		F	991 D \$ 14.62	64,955 <sup>(1)</sup>	D	
Common Stock <sup>(2)</sup>					1,376	I	By 401(k) plan <sup>(3)</sup>

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)

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. Nu
				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
GENTILCORE JAMES C/O BROOKS AUTOMATION 15 ELIZABETH DRIVE CHELMSFORD, MA 01824			President & COO	

## Signatures

/s/ Thomas S. Grilk, attorney-in-fact for James F. Gentilcore  
 \_\_\_\_\_  
 \*\*Signature of Reporting Person

12/13/2006  
 \_\_\_\_\_  
 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) Amended report filed to correct entry in row 1, column 5 of Table I, which due to a clerical error incorrectly stated 68,401. The entry in row 1, column 5 of Table I in the report filed on October 27, 2006 should have been 64,955.  
 Amended report filed to correct report filed on October 27, 2006 with respect to a forfeiture of shares by the reporting person to satisfy the reporting person's obligations with respect to withholding taxes in connection with the vesting of restricted stock held by the reporting person. Due to a clerical error, the report filed on October 27, 2006 did not report as a holding the 1,376 shares held indirectly by the reporting person in the reporting person's 401(k) plan. The information in this row should have been reported in row 2, column 5 of Table I in the report filed on October 27, 2006.
- (3) These shares are held by the reporting person's 401(k) plan.

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.