BROOKS AUTOMATION INC

Form 4/A

December 13, 2006

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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OMB APPROVAL

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **GENTILCORE JAMES**

2. Issuer Name and Ticker or Trading

Issuer

Symbol

BROOKS AUTOMATION INC

(Check all applicable)

5. Relationship of Reporting Person(s) to

[BRKS]

(Month/Day/Year)

03/23/2006

(Last) (First) 3. Date of Earliest Transaction

4. If Amendment, Date Original

Director 10% Owner X_ Officer (give title

below)

Other (specify President & COO

C/O BROOKS AUTOMATION, 15 **ELIZABETH DRIVE**

(Street)

(Middle)

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

Filed(Month/Day/Year) 03/27/2006

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

CHELMSFORD, MA 01824

(City) (State) (Zip)

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

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

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

5. Amount of Securities Beneficially Owned **Following**

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Ownership Indirect (I) (Instr. 4) (Instr. 4)

(9-02)

(A)

Transaction(s) (Instr. 3 and 4)

Reported

Code V (D) Price Amount

Common Stock

03/23/2006 A 50,000

65,946 (1) D

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

0.01

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required to respond unless the form displays a currently valid OMB control

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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. onNumber of Derivative Securities Acquired (A) or Disposed of (D)		ate	7. Title a Amount of Underlying Securities (Instr. 3 a	of ng s	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secur Bene Owne Follo Repo Trans (Instr
				Code V	(Instr. 3, 4, and 5) (A) (D)	Date Exercisable	Expiration Date	or Title Nu of	umber		

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

12/13/2006

**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).

Amended report filed to correct entry in row 1, column 5 of Table I, which due to a clerical error incorrectly stated 69,392. The entry in row 1, column 5 of Table I in the report filed on March 27, 2006 should have been 65,946. This error resulted in a corresponding error for

(1) a subsequent 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. The entry in row 1, column 5 of Table I in the report filed on October 27, 2006 should have been 64,955.

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.

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