

BROOKS AUTOMATION INC  
 Form 4  
 June 13, 2007

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

(Last) (First) (Middle)  
 C/O BROOKS AUTOMATION, 15  
 ELIZABETH DRIVE  
 (Street)

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 06/11/2007

CHELMSFORD, MA 01824

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

(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 Indirect Ownership (Instr. 4)		
			Code	V	Amount	(A) or (D)	Price		
Common Stock	06/11/2007		M		7,770	A	\$ 7.75	72,725	D
Common Stock	06/11/2007		M		3,641	A	\$ 10.13	76,366	D
Common Stock	06/11/2007		S		11,411	D	\$ 17.9	64,955	D
Common Stock	06/12/2007		M		79,609	A	\$ 10.13	144,564	D
Common Stock	06/12/2007		M		9,375	A	\$ 13.03	153,939	D

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Common Stock	06/12/2007	M	41,626	A	\$ 15.51	195,565	D	
Common Stock	06/12/2007	M	8,382	A	\$ 17.34	203,947	D	
Common Stock	06/12/2007	S	138,992	D	\$ 17.8297	64,955	D	
Common Stock	06/13/2007	M	5,771	A	\$ 17.34	70,726	D	
Common Stock	06/13/2007	S	5,771	D	\$ 17.8	64,955	D	
Common Stock						1,376	I <sup>(1)</sup>	By managed account

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

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(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 Security (Instr. 3 and 4)	Amount or Number of Shares
Non-Qualified Stock Option	\$ 7.75	06/11/2007		M	7,770	<sup>(2)</sup> 04/16/2013	Common Stock	7,770
Non-Qualified Stock Option	\$ 10.13	06/11/2007		M	3,641	<sup>(4)</sup> 12/13/2012	Common Stock	3,641
Non-Qualified Stock Option	\$ 10.13	06/12/2007		M	79,609	<sup>(4)</sup> 12/13/2012	Common Stock	79,609
Non-Qualified Stock Option	\$ 13.03	06/12/2007		M	9,375	<sup>(5)</sup> 10/26/2012	Common Stock	9,375
Non-Qualified Stock Option	\$ 15.51	06/12/2007		M	41,626	<sup>(6)</sup> 12/30/2014	Common Stock	41,626
Non-Qualified Stock Option	\$ 17.34	06/12/2007		M	8,382	<sup>(7)</sup> 04/28/2014	Common Stock	8,382

Stock Option								Stock
Non-Qualified Stock Option	\$ 17.34	06/13/2007	M	5,771	(7)	04/28/2014	Common Stock	5,7

## 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

06/13/2007

\_\_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) These shares are held by the reporting person's 401K Plan.

(2) The shares consist of an option for 7,770 shares of common stock that was granted on April 16, 2003 and became exercisable with respect to 1/4 of the shares subject to the option on each anniversary of the date of the grant, beginning on the first anniversary of the date of grant, such that the option became fully exercisable as of the fourth anniversary of the date of grant.

(3) No amount was paid upon grant of the option. The reporting person pays for the shares upon exercise of the option pursuant to the price listed in Column 2.

(4) The shares are part of an option for 83,250 shares of common stock that was granted on December 13, 2002 and became exercisable with respect to 1/4 of the shares subject to the option on each anniversary of the date of the grant, beginning on the first anniversary of the date of grant, such that the option became fully exercisable as of the fourth anniversary of the date of grant.

(5) The shares are part of an option for 25,000 shares of common stock that was granted on October 26, 2005 and becomes exercisable with respect to 1/16 of the shares subject to the option every three months following the date of grant, such that the option becomes fully exercisable as of 48 months following the date of grant.

(6) The shares are part of an option for 83,250 shares of common stock that was granted on December 30, 2004 and becomes exercisable with respect to 1/4 of the shares subject to the option on each anniversary of the grant, beginning on the first anniversary of the date of grant, such that the option becomes fully exercisable as of the fourth anniversary of the date of grant.

(7) The shares are part of an option for 18,870 shares of common stock that was granted on April 28, 2004 and becomes exercisable with respect to 1/4 of the shares subject to the option on each anniversary of the grant, beginning on the first anniversary of the date of grant, such that the option becomes fully exercisable as of the fourth anniversary of the date of grant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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