Leitzke Thomas Form 4 August 08, 2012

FORM 4

Check this box

if no longer

subject to

Section 16.

Form 4 or

obligations

may continue.

See Instruction

Form 5

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

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

1(b).

(Last)

(City)

Common

Stock

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading Leitzke Thomas Symbol

(Middle)

(Zip)

BROOKS AUTOMATION INC [BRKS]

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

08/06/2012

C/O BROOKS AUTOMATION, INC., 15 ELIZABETH DRIVE

(First)

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

Issuer

(Check all applicable)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

Estimated average

burden hours per

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

SVP, Global Operations

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

(D) or

Indirect (I)

(Instr. 4)

6. Ownership 7. Nature of

Beneficial

Ownership

(Instr. 4)

Form: Direct Indirect

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

CHELMSFORD, MA 08124

(State)

08/06/2012

1. Title of 2. Transaction Date 2A. Deemed 4. Securities Acquired 5. Amount of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of Securities (Instr. 3) Code (D) Beneficially (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8) Owned Following Reported

(A) or Code V Amount (D) Price 1.585

(1)

D

F

9.52

Transaction(s) (Instr. 3 and 4)

105,333 D

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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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:		Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

Leitzke Thomas C/O BROOKS AUTOMATION, INC. 15 ELIZABETH DRIVE CHELMSFORD, MA 08124

SVP, Global Operations

Date

Signatures

/s/ Jean M. Hutchison, attorney-in-fact for Thomas R. Leitzke

08/08/2012

**Signature of Reporting Person

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 with the vesting on August 4, 2012 of 5,000 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.

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