LEPOFSKY ROBERT

Form 4

December 21, 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

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Check this box

Form 5 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 *

(First)

(Street)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

below)

LEPOFSKY ROBERT

BROOKS AUTOMATION INC

(Check all applicable)

[BRKS]

12/19/2006

(Last)

Security

(Instr. 3)

(Middle)

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

X_ Director Officer (give title

10% Owner Other (specify

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

4. If Amendment, Date Original

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

Filed(Month/Day/Year)

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

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

CHELMSFORD, MA 01824

(City) (State) (Zip) 1. Title of 2. Transaction Date 2A. Deemed

3. 4. Securities (Month/Day/Year) Execution Date, if TransactionAcquired (A) or Code Disposed of (D) (Instr. 3, 4 and 5) (Month/Day/Year) (Instr. 8)

5. Amount of Securities Beneficially Owned Following

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

Reported Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

(A)

or

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)

1. Title of Derivative Conversion

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if

5. Number of TransactionDerivative

6. Date Exercisable and **Expiration Date**

7. Title and Amount Underlying Securitie

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| Security (Instr. 3) | or Exercise Price of Derivative Security | | any (Month/Day/Year) | Code (Instr. 8 | (A) or l (D) | ties Acquired Disposed of 3, 4, and 5) | (Month/Day/Year) | | (Instr. 3 and 4) | |
|--------------------------------------|---|------------|-------------------------|-------------------|-----------------|--|---------------------|--------------------|------------------|----------------------------------|
| | | | | Code | V (A) | (D) | Date Exercisable | Expiration Date | Title | Amour or Number of Shar |
| Stock Option (right to buy) | \$ 12.69 | 12/19/2006 | | D <u>(1)</u> | | 25,000 | <u>(1)</u> | 10/26/2012 | Common Stock | 25,00 |
| Stock Option (right to buy) | \$ 13.03 | 12/19/2006 | | A(1) | 25,00 | 0 | <u>(1)</u> | 10/26/2012 | Common Stock | 25,00 |

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

LEPOFSKY ROBERT C/O BROOKS AUTOMATION, INC. 15 ELIZABETH DRIVE CHELMSFORD, MA 01824

X

Signatures

/s/ Thomas S. Grilk, attorney-in-fact for Robert J.
Lepofsky

**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).
- Amendment of outstanding option resulting in deemed cancellation of option and grant of replacement option. The option was originally granted on October 26, 2005 and becomes exercisable with respect to 5,000 shares subject to the option every on each anniversary of the date of grant, beginning on the first anniversary, such that the option becomes fully exercisable as of the fifth anniversary of the date of grant.

Date

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

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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