BRUKER CORP Form 4 May 19, 2008

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

January 31, Expires: 2005

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Estimated average burden hours per response... 0.5

Form 4 or 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 * LAUKIEN FRANK H

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

(Middle)

(Zip)

BRUKER CORP [BRKR]

(Check all applicable)

(First) (Last)

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

_X__ Director X 10% Owner

C/O BRUKER CORPORATION, 40

05/15/2008

X_ Officer (give title Other (specify below)

MANNING ROAD

(Street)

(State)

4. If Amendment, Date Original

CEO, President

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person

6. Individual or Joint/Group Filing(Check

Form filed by More than One Reporting

Person

BILLERICA, MA 01821

(City)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 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 (D) Securities (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially (Month/Day/Year) Owned (Instr. 8)

Ownership Indirect Form: Direct Beneficial (D) or Ownership Following Indirect (I) (Instr. 4) Reported (Instr. 4)

D

7. Nature of

(A) or

Transaction(s) (Instr. 3 and 4)

Code V Amount (D) Price

Common 05/15/2008 M 100,000 36,404,445 Stock 5.71

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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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. Transactic Code (Instr. 8)	5. Number of orDerivative 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)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option (Right to Buy)	\$ 5.71	05/15/2008		M		100,000	<u>(1)</u>	04/30/2009	Common Stock	100,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
1 0	Director	10% Owner	Officer	Other			
LAUKIEN FRANK H							
C/O BRUKER CORPORATION	X	X	CEO President				
40 MANNING ROAD	Λ	Λ	CEO, President				
BILLERICA, MA 01821							

Signatures

Frank H.

Laukien 05/19/2008

**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) The option vested in four equal installments on April 30, 2005, 2006, 2007 and 2008.

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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