BRUKER CORP

Form 4

December 15, 2008

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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response...

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

may continue.

See Instruction

Check this box

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 Symbol

Issuer

5. Relationship of Reporting Person(s) to

BRUKER CORP [BRKR]

(Check all applicable)

(Last)

(Middle)

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

_X__ Director X_ Officer (give title _X__ 10% Owner

C/O BRUKER CORPORATION, 40

(First)

MANNING ROAD

12/15/2008

below)

_ Other (specify

CEO/President

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

(Street)

4. If Amendment, Date Original Filed(Month/Day/Year)

> _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

BILLERICA, MA 01821

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative :	Securi	ties Acqu	ired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or			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 Beneficial Ownership (Instr. 4)
Common Stock	12/15/2008		Code V P	Amount 3,207	(D)	Price \$ 4.13	37,502,652	D	
Common Stock	12/15/2008		P	5,200	A	\$ 4.14	37,507,852	D	
Common Stock	12/15/2008		P	4,400	A	\$ 4.16	37,512,252	D	
Common Stock	12/15/2008		P	8,095	A	\$ 4.17	37,520,347	D	
Common Stock	12/15/2008		P	3,304	A	\$ 4.18	37,523,651	D	

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Common Stock	12/15/2008	P	14,930	A	\$ 4.19	37,538,581	D
Common Stock	12/15/2008	P	37,275	A	\$ 4.2	37,575,856	D
Common Stock	12/15/2008	P	200	A	\$ 4.205	37,576,056	D
Common Stock	12/15/2008	P	19,089	A	\$ 4.21	37,595,145	D
Common Stock	12/15/2008	P	1,000	A	\$ 4.22	37,596,145	D
Common Stock	12/15/2008	P	1,900	A	\$ 4.23	37,598,045	D
Common Stock	12/15/2008	P	1,400	A	\$ 4.24	37,599,445	D

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

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SEC 1474 (9-02)

> 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

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. Transa Code (Instr.		5. Mumber of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		ate	Secur	int of rlying	8. Price of Derivative Security (Instr. 5)
				Code	V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	

Reporting Owners

Reporting Owner Name / Address	Relationships							
	Director	10% Owner	Officer	Other				
LAUKIEN FRANK H	X	X						
C/O BRUKER CORPORATION			CEO/President					
40 MANNING ROAD								

Reporting Owners 2

BILLERICA, MA 01821

Signatures

Frank H.

Laukien 12/15/2008

**Signature of Date 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).

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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