**BRUKER CORP** 

Form 4

December 16, 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

Estimated average burden hours per

**OMB APPROVAL** 

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

5. Relationship of Reporting Person(s) to Issuer

(Middle)

BRUKER CORP [BRKR]

(Check all applicable)

(Last)

(First)

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

\_X\_\_ 10% Owner \_X\_\_ Director X\_ Officer (give title \_\_ Other (specify

below)

CEO/President

6. Individual or Joint/Group Filing(Check

C/O BRUKER CORPORATION, 40 MANNING ROAD

(Street)

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

12/16/2008

Applicable Line)

\_X\_ Form filed by One Reporting Person

Form filed by More than One Reporting

Person

В.	IL	LEI	<b>(1</b> )	ĊΑ,	MA	01	82
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(City)	(State)	(Zip) <b>Tab</b> l	le I - Non-I	Derivative (	Securi	ties Acqu	ired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) 2A. Deemed Execution Date, if any (Month/Day/Year)		3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)  (A) or		of (D)	5. Amount of Securities Ownership Beneficially Form: Direct Owned (D) or Following Indirect (I) Reported (Instr. 4) Transaction(s)		7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	(D)	Price	(Instr. 3 and 4)		
Common Stock	12/16/2008		P	3	A	\$ 4.02	37,599,448	D	
Common Stock	12/16/2008		P	1,000	A	\$ 4.023	37,600,448	D	
Common Stock	12/16/2008		P	177	A	\$ 4.03	37,600,625	D	
Common Stock	12/16/2008		P	1,400	A	\$ 4.04	37,602,025	D	
Common Stock	12/16/2008		P	356	A	\$ 4.06	37,602,381	D	

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Common Stock	12/16/2008	P	344	A	\$ 4.065	37,602,725	D
Common Stock	12/16/2008	P	700	A	\$ 4.07	37,603,425	D
Common Stock	12/16/2008	P	200	A	\$ 4.1	37,603,625	D
Common Stock	12/16/2008	P	1,625	A	\$ 4.11	37,605,250	D
Common Stock	12/16/2008	P	475	A	\$ 4.115	37,605,725	D
Common Stock	12/16/2008	P	275	A	\$ 4.12	37,606,000	D
Common Stock	12/16/2008	P	745	A	\$ 4.13	37,606,745	D
Common Stock	12/16/2008	P	1,475	A	\$ 4.133	37,608,220	D
Common Stock	12/16/2008	P	500	A	\$ 4.14	37,608,720	D
Common Stock	12/16/2008	P	2,325	A	\$ 4.15	37,611,045	D
Common Stock	12/16/2008	P	400	A	\$ 4.155	37,611,445	D
Common Stock	12/16/2008	P	300	A	\$ 4.165	37,611,745	D
Common Stock	12/16/2008	P	320	A	\$ 4.19	37,612,065	D
Common Stock	12/16/2008	P	3,200	A	\$ 4.2	37,615,265	D
Common Stock	12/16/2008	P	300	A	\$ 4.205	37,615,565	D
Common Stock	12/16/2008	P	300	A	\$ 4.21	37,615,865	D
Common Stock	12/16/2008	P	800	A	\$ 4.213	37,616,665	D
Common Stock	12/16/2008	P	542	A	\$ 4.22	37,617,207	D
Common Stock	12/16/2008	P	438	A	\$ 4.25	37,617,645	D
Common Stock	12/16/2008	P	2,400	A	\$ 4.26	37,620,045	D
	12/16/2008	P	6,200	A	\$ 4.29	37,626,245	D

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Common Stock							
Common Stock	12/16/2008	P	300	A	\$ 4.295	37,626,545	D
Common Stock	12/16/2008	P	300	A	\$ 4.298	37,626,845	D
Common Stock	12/16/2008	P	10,314	A	\$ 4.3	37,637,159	D
Common Stock	12/16/2008	P	200	A	\$ 4.305	37,637,359	D

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exer	cisable and	7. Title	and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	orNumber	Expiration D	ate	Amoun	t of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day	/Year)	Underly	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e`		Securiti	ies	(Instr. 5)	Bene
	Derivative			,	Securities	•		(Instr. 3	3 and 4)		Owne
	Security				Acquired				,		Follo
	2000				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						(IIIsti
					4, and 5)						
					1, 4114 5)						
								I	Amount		
						D-4-	F	C	or		
						Date	Expiration	Title 1	Number		
						Exercisable	Date	(	of		
				Code V	(A) (D)			5	Shares		

## **Reporting Owners**

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

Reporting Owners 3

# **Signatures**

Frank H.

Laukien 12/16/2008

\*\*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).

#### **Remarks:**

This is the first of two Form 4 reports filed by the Reporting Person to report transactions executed on December 16, 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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