LAUKIEN FRANK H

Check this box

if no longer

subject to

Form 4

December 10, 2008

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

OMB Number:

3235-0287

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January 31, 2005

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OMB APPROVAL

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Section 16. 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

SECURITIES

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

BRUKER CORP [BRKR]

(Check all applicable)

(Last)

(First) (Middle)

(7:-

3. Date of Earliest Transaction

_X__ Director X_ Officer (give title _X__ 10% Owner __ Other (specify

C/O BRUKER CORPORATION, 40

(Street)

(Ctota)

MANNING ROAD

below)

CEO/President

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

(Month/Day/Year)

12/10/2008

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)	(State)	(Zip) Tabl	e I - Non-D	Perivative S	Securi	ties Acqu	ired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of 6. Securities Ow Beneficially For Owned (D)	6. Ownership Form: Direct (D) or Indirect (I)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	12/10/2008		P	33,770	A	\$ 4.45	37,483,215	D	
Common Stock	12/10/2008		P	2,400	A	\$ 4.455	37,485,615	D	
Common Stock	12/10/2008		P	13,630	A	\$ 4.46	37,499,245	D	
Common Stock	12/10/2008		P	200	A	\$ 4.48	37,499,445	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)

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		4.	5.	6. Date Exerc		7. Title		8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	onNumber	Expiration D	ate	Amour	it of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)	Bene
	Derivative		• •	·	Securities			(Instr.	3 and 4)	, , ,	Owne
	Security				Acquired			Ì			Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						Ì
					4, and 5)						
					, ,						
									Amount		
						Date	Expiration		or		
						Exercisable	•	Title	Title Number		
						Exercisable D	Date		of		
				Code V	(A) (D)				Shares		

Reporting Owners

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

Signatures

Frank H.

Laukien 12/10/2008

**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).

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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