LAUKIEN FRANK H

Check this box

if no longer

subject to

Form 4

August 03, 2009

FORM 4

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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response...

Section 16. Form 4 or Form 5 obligations may continue.

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)

See Instruction

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)

(First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year)

07/31/2009

_X__ Director

_X__ 10% Owner _ Other (specify

C/O BRUKER CORPORATION, 40

(Street)

MANNING ROAD

X_ Officer (give title below)

CEO/President

4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

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

6. Individual or Joint/Group Filing(Check

Person

BILLERICA, MA 01821

(City)	(State)	(Zip) Tabl	e I - Non-I	Derivative :	Securi	ties Acqu	ired, Disposed of	f, or Beneficiall	y 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 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	07/31/2009		P	500	A	\$ 9.63	38,299,945	D	
Common Stock	07/31/2009		P	3,300	A	\$ 9.74	38,303,245	D	
Common Stock	07/31/2009		P	400	A	\$ 9.76	38,303,645	D	
Common Stock	07/31/2009		P	1,300	A	\$ 9.78	38,304,945	D	
Common Stock	07/31/2009		P	4,600	A	\$ 9.79	38,309,545	D	

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Common Stock	07/31/2009	P	200	A	\$ 9.82	38,309,745	D
Common Stock	07/31/2009	P	800	A	\$ 9.84	38,310,545	D
Common Stock	07/31/2009	P	850	A	\$ 9.91	38,311,395	D
Common Stock	07/31/2009	P	204	A	\$ 9.94	38,311,599	D
Common Stock	07/31/2009	P	300	A	\$ 9.97	38,311,899	D
Common Stock	07/31/2009	P	368	A	\$ 9.98	38,312,267	D
Common Stock	07/31/2009	P	1,300	A	\$ 10	38,313,567	D
Common Stock	07/31/2009	P	5,078	A	\$ 10.03	38,318,645	D
Common Stock	07/31/2009	P	300	A	\$ 10.04	38,318,945	D
Common Stock	07/31/2009	P	1,100	A	\$ 10.05	38,320,045	D
Common Stock	07/31/2009	P	100	A	\$ 10.12	38,320,145	D
Common Stock	07/31/2009	P	4,828	A	\$ 10.13	38,324,973	D
Common Stock	07/31/2009	P	2,100	A	\$ 10.14	38,327,073	D
Common Stock	07/31/2009	P	8,200	A	\$ 10.15	38,335,273	D
Common Stock	07/31/2009	P	1,300	A	\$ 10.16	38,336,573	D
Common Stock	07/31/2009	P	4,012	A	\$ 10.17	38,340,585	D
Common Stock	07/31/2009	P	580	A	\$ 10.18	38,341,165	D
Common Stock	07/31/2009	P	2,230	A	\$ 10.19	38,343,395	D
Common Stock	07/31/2009	P	24,550	A	\$ 10.2	38,367,945	D
Common Stock	07/31/2009	P	300	A	\$ 10.23	38,368,245	D
	07/31/2009	P	2,700	A		38,370,945	D

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Common Stock					\$ 10.28	
Common Stock	07/31/2009	P	2,400	A	\$ 38,373,345	D
Common	07/31/2009	P	1,100	A	\$ 10.3 38,374,445	D

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	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date		Number		
									of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
Transferring of the France of	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 08/03/2009 **Signature of Date Reporting Person

3 Reporting Owners

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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.