LAUKIEN FRANK H

Check this box

if no longer

Section 16.

subject to

Form 4

March 17, 2011

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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OMB APPROVAL

response...

Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

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) 3. Date of Earliest Transaction

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

C/O BRUKER CORPORATION, 40

MANNING ROAD

below) CEO, President

Applicable Line)

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

(Month/Day/Year)

03/17/2011

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) Tab	le I - Non-I	Derivative	Secu	rities Acqu	ired, Disposed of	, 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)	(Instr. 3,	ispose 4 and (A) or	d of (D) 5)	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	02/17/2011		Code V	Amount	(D)	Price	,	D	
Stock	03/17/2011		P	100	A	\$ 18.51	38,749,545	D	
Common Stock	03/17/2011		P	200	A	\$ 18.52	38,749,745	D	
Common Stock	03/17/2011		P	400	A	\$ 18.56	38,750,145	D	
Common Stock	03/17/2011		P	1,400	A	\$ 18.57	38,751,545	D	
Common Stock	03/17/2011		P	100	A	\$ 18.58	38,751,645	D	

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Common Stock	03/17/2011	P	3,388	A	\$ 18.59	38,755,033	D
Common Stock	03/17/2011	P	200	A	\$ 18.595	38,755,233	D
Common Stock	03/17/2011	P	3,960	A	\$ 18.6	38,759,193	D
Common Stock	03/17/2011	P	252	A	\$ 18.61	38,759,445	D

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

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(9-02)

9. Nu Deriv Secu Bene Own Follo Repo Trans (Insti

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. Titl		8. Price of
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Code (Instr.	8)	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)			Amou Under Secur (Instr.	lying	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							
1 0	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	03/17/201
**Signature of Reporting Person	Date
1 0	

Reporting Owners 2

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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.