

Prause Burkhard
Form 4
August 15, 2012

FORM 4

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person *
Prause Burkhard

(Last) (First) (Middle)
BRUKER CORPORATION, 40
MANNING ROAD
(Street)

BILLERICA, MA 01821

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
BRUKER CORP [BRKR]

3. Date of Earliest Transaction
(Month/Day/Year)
08/13/2012

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
Pres. & CEO, Bruker EST

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership Indirect Beneficial Ownership (Instr. 4) | | |
|---------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------|-------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------|-----------------------------------------------------------------|-----|-------|
| | | | | (A) or (D) | Code | V | Amount | (D) | Price |

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 Derivative Security | 2. Conversion or Exercise | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any | 4. Transaction Code | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date (Month/Day/Year) | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) | 8. D | S |
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|------|---|
|---------------------------------|---------------------------|--------------------------------------|-----------------------------------|---------------------|------------------------------------|----------------------------------------------------------|---------------------------------------------------------------|------|---|

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| (Instr. 3) | Price of Derivative Security | (Month/Day/Year) | (Instr. 8) | Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | Code | V | (A) | (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |
|--------------------------------------|------------------------------------|------------------|------------|------------------------------------------------------------------|------|---|--------|-----|---------------------|--------------------|-----------------|-------------------------------------|
| Stock Option (Right to Buy) | \$ 12.06 | 08/13/2012 | | | A | | 5,000 | | (1) | 08/13/2022 | Common Stock | 5,000 |
| Stock Option (Right to Buy) | \$ 12.06 | 08/13/2012 | | | A | | 50,000 | | (2) | 08/13/2022 | Common Stock | 50,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---------------------------------------------------------------------------------|---------------|-----------|-------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Prause Burkhard BRUKER CORPORATION 40 MANNING ROAD BILLERICA, MA 01821 | | | Pres. & CEO, Bruker EST | |

Signatures

/s/ Constance Andrews,
Attorney-in-Fact

08/15/2012

**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).

(1) The option vests in three equal annual installments on August 13, 2013, 2014 and 2015.

(2) The option vests in five equal annual installments on August 13, 2012, 2013, 2014, 2015 and 2016.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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