Burbach Gerhard F Form 3 January 14, 2013

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

OMB APPROVAL

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3235-0104

0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

Estimated average burden hours per

response...

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 *

A Burbach Gerhard F

(Last)

(First)

(Middle)

Statement

(Month/Day/Year)

01/10/2013

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

FLUIDIGM CORP [FLDM]

4. Relationship of Reporting Person(s) to Issuer

5. If Amendment, Date Original

Filed(Month/Day/Year)

C/O FLUIDIGM CORPORATION, Â 7000 SHORELINE COURT, SUITE

100

(Street)

(State)

(Check all applicable)

10% Owner _X_ Director Officer Other (give title below) (specify below)

6. Individual or Joint/Group

Filing(Check Applicable Line) _X_ Form filed by One Reporting

Person

Form filed by More than One

Reporting Person

SOUTH SAN FRANCISCO, Â CAÂ 94080

1. Title of Security (Instr. 4)

(City)

(Zip)

2. Amount of Securities Beneficially Owned

(Instr. 4)

Ownership Form:

Table I - Non-Derivative Securities Beneficially Owned

4. Nature of Indirect Beneficial

Ownership (Instr. 5)

Direct (D) or Indirect (I) (Instr. 5)

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

SEC 1473 (7-02)

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.

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

1. Title of Derivative Security (Instr. 4)

2. Date Exercisable and **Expiration Date** (Month/Day/Year)

3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)

4. 5. Ownership Conversion or Exercise Form of Price of

6. Nature of Indirect Beneficial Ownership (Instr. 5)

Derivative Derivative Security:

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Date **Expiration Title** Exercisable Date

Amount or Security Number of Shares

or Indirect (I) (Instr. 5)

Direct (D)

Reporting Owners

Relationships Reporting Owner Name / Address Director Officer Other

Owner

Burbach Gerhard F

C/O FLUIDIGM CORPORATION 7000 SHORELINE COURT, SUITE 100 SOUTH SAN FRANCISCO, CAÂ 94080

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Signatures

/s/ Valerie Barnett, attorney-in-fact

01/14/2013

**Signature of Reporting Person

Date

Explanation of Responses:

No securities are beneficially owned

- If the form is filed by more than one reporting person, see Instruction 5(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).

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Remarks:

Exhibit List

Exhibit 24 - Power of Attorney

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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