

Walder Fredric T  
 Form 4  
 November 30, 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 \*  
 Walder Fredric T

(Last) (First) (Middle)

FLUIDIGM CORPORATION, 7000  
 SHORELINE COURT, SUITE 100

(Street)

SOUTH SAN  
 FRANCISCO, CA 94080

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
 FLUIDIGM CORP [FLDM]

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

11/28/2012

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_ Director \_\_\_ 10% Owner  
 \_\_\_X\_\_\_ Officer (give title below) \_\_\_ Other (specify below)

CHIEF BUSINESS OFFICER

6. Individual or Joint/Group Filing(Check Applicable Line)

\_\_\_X\_\_\_ 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 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)
			Code	V	Amount	(A) or (D)	Price
Common Stock	11/28/2012		M		19,679	A	\$ 4.4461 19,679
Common Stock	11/28/2012		S <sup>(1)</sup>		19,679	D	\$ 14.0053 0
Common Stock	11/28/2012		M		24,863	A	\$ 4.4461 24,863
Common Stock	11/28/2012		S <sup>(1)</sup>		24,863	D	\$ 14.0053 0

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

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(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 (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 4.4461	11/28/2012		M	19,679	(3) 08/26/2020	Common Stock	19,679	
Employee Stock Option (Right to Buy)	\$ 4.4461	11/28/2012		M	24,863	(3) 08/26/2020	Common Stock	24,863	

## Reporting Owners

### Reporting Owner Name / Address

### Relationships

Director      10% Owner      Officer      Other

Walder Fredric T  
FLUIDIGM CORPORATION  
7000 SHORELINE COURT, SUITE 100  
SOUTH SAN FRANCISCO, CA 94080

CHIEF  
BUSINESS  
OFFICER

## Signatures

/s/ Valerie Barnett,  
attorney-in-fact

11/30/2012

\*\*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 sales reported by Mr. Walder were effected pursuant to a Rule 10b5-1 trading plan adopted on November 15, 2012.

The "Amount" and "Price" reported in this Column 4 reflect the aggregate number and weighted-average price, respectively, of shares sold. These shares were sold in multiple transactions at prices ranging from \$13.99 to \$14.15, inclusive. The reporting person undertakes to provide to the issuer, any security holder of the issuer, or the SEC staff, upon request, full information regarding the number of shares sold at each separate price within the range set forth herein.

(3) 25% of the shares subject to the Option vested on May 17, 2011 and 1/48 of the shares subject to the Option vest monthly thereafter.

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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