FLUIDIGM CORP

Form 4

January 16, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

0.5

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if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * Walder Fredric T

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

FLUIDIGM CORP [FLDM]

(Check all applicable)

CHIEF OPERATING OFFICER

(Middle)

(Zip)

(First)

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

Director X_ Officer (give title

10% Owner Other (specify

FLUIDIGM CORPORATION, 7000 SHORELINE COURT, SUITE 100

(Street)

(State)

01/14/2014

below)

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

SOUTH SAN FRANCISCO, CA 94080

(City)	(State)	(Zip) Tabl	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. Transactic Code (Instr. 8)	4. Securi on(A) or D (Instr. 3,	ispose	d of (D)	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 Stock	01/14/2014		M	1,816	A	\$ 4.4461	1,816	D	
Common Stock	01/14/2014		S(1)	1,816	D	\$ 42.89	0	D	

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

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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)	r) Execution Date, if Transaction Derivative any Code Securities (Month/Day/Year) (Instr. 8) Acquired (A) or		Securities Acquired (A) or Disposed of (D) (Instr. 3, 4,	6. Date Exer Expiration D (Month/Day)	ate	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	01/14/2014		M	1,816	(2)	08/26/2020	Common Stock	1,816

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 OPERATING OFFICER

Signatures

/s/ Valerie Barnett, attorney-in-fact

01/16/2014

**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 September 13, 2013.
- (2) The shares subject to the Option fully vested on December 17, 2013.

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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