Smith William Maxwell Form 4 December 05, 2012

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

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** Section 16. Form 4 or

OMB

3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005 Estimated average

0.5

burden hours per response...

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).

Form 5

(Print or Type Responses)

1. Name and Address of Reporting Person * Smith William Maxwell

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

(Check all applicable)

Issuer

FLUIDIGM CORP [FLDM]

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

Director 10% Owner Other (specify X_ Officer (give title

FLUIDIGM CORPORATION, 7000

12/03/2012

below) below)

SHORELINE COURT, SUITE 100

(Street)

(State)

EVP, Legal Affairs & GC

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

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, CA 94080

(City)

(City)	(State)	Tabl	e I - Non-D	erivative	Secur	rities Acq	uired, Disposed o	f, or Beneficial	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)	on(A) or D	curities Acquired r Disposed of (D) . 3, 4 and 5)		5. Amount of Securities Beneficially Owned Following Reported	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	Transaction(s) (Instr. 3 and 4)		
Common Stock	12/03/2012		S(1)	2,252	D	\$ 14.33	42,788	D	
Common Stock	12/04/2012		S(1)	2,252	D	\$ 14.3	40,536	D	
Common Stock	12/05/2012		S(1)	2,252	D	\$ 14.12	38,284	D	

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

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(9-02)

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displays a currently valid OMB control number.

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	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Titl	le and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionNumbe		Expiration D	Expiration Date		ınt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	rlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Secur	rities	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	. 3 and 4)		Owne
	Security				Acquired						Follo
	•				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration	PD1 - 1	or		
						Exercisable	Date	Title	Number		
				G 1 17	(A) (D)				of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Smith William Maxwell FLUIDIGM CORPORATION 7000 SHORELINE COURT, SUITE 100 SOUTH SAN FRANCISCO, CA 94080

EVP, Legal Affairs & GC

Signatures

/s/ Valerie Barnett,

attorney-in-fact 12/05/2012

**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. Smith were effected pursuant to a Rule 10b5-1 trading plan adopted on November 28, 2012.

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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