SEC I	Form 4
-------	--------

FORM	4
------	---

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APP	ROVAL
OMB Number:	3235-0287
Estimated average b	urden
hours per response:	0.5

1. Name and Addres <u>Smith Williar</u>	1 0	'erson [*]	2. Issuer Name and Ticker or Trading Symbol FLUIDIGM CORP [FLDM]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner
(Last) FLUIDIGM CO 7000 SHORELI			3. Date of Earliest Transaction (Month/Day/Year) 03/12/2012	X Onicer (give nue of the officer (specify below) below) EVP, Legal Affairs & GC
(Street) SOUTH SAN FRANCISCO	СА	94080	4. If Amendment, Date of 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
(City)	(State)	(Zip)	erivative Securities Acquired, Disposed of, or Ben	eficially Owned

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. Transa Code (8)		4. Securities A Disposed Of (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)		(1150.4)
Common Stock	03/12/2012		М		3,000	A	\$1.82	52,545	D	
Common Stock	03/12/2012		S ⁽¹⁾		3,000 ⁽²⁾	D	\$15.7227(2)	49,545	D	

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. Transa Code (8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4		Expiration Date of S (Month/Day/Year) Uno Der		Expiration Date		Expiration Date (Month/Day/Year)		d 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	Reported	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		Transaction(s) (Instr. 4)										
Employee Stock Option (Right to Buy)	\$1.82	03/12/2012		М			3,000	(3)	07/15/2013	Common	3,000	\$ 0	15,412	D									
Employee Stock Option (Right to Buy) ⁽⁴⁾	\$4.09	11/17/2009		Α		5,780 ⁽⁵⁾		(4)	11/17/2019	Common	5,780 ⁽⁵⁾	\$0	5,780 ⁽⁵⁾	D									

Explanation of Responses:

1. The sales reported by Mr. Smith were effected pursuant to a Rule 10b5-1 trading plan adopted on September 6, 2011.

2. 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 \$15.61 to \$15.80, 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. The Option fully vested on April 1, 2007.

4. The Option is not a new grant but is listed herein to correct the vesting schedule previously reported on a Form 3 filed by the reporting person on February 9, 2011. The filed Form 3 reported that 70% of the shares subject to the Option vested on December 31, 2009, 25% of the remaining 30% of the shares subject to the Option vested on April 1, 2010 and 1/48th of the remaining unvested shares subject to the Option vested on December 31, 2009, 25% of the remaining 30% of the shares subject to the Option vested on December 31, 2009, 25% of the shares subject to the Option vested on December 31, 2009, 25% of the shares subject to the Option vested on December 31, 2009, 25% of the shares subject to the Option vested on December 31, 2009, 25% of the shares subject to the Option vested on December 31, 2009, 25% of the shares subject to the Option vested on December 31, 2009, 25% of the shares subject to the Option vested on December 31, 2009, 25% of the shares subject to the Option vested on December 31, 2009, 25% of the shares subject to the Option vested on December 31, 2009, 25% of the shares subject to the Option vested on December 31, 2009, 25% of the shares subject to the Option vested on April 1, 2010 and 1/48th of the remaining 39% of the shares subject to the Option shall vest each month thereafter such that all shares subject to the Option shall be fully vested on April 1, 2013. 5. Reflects a 1-for-1.73 reverse stock split of the Issuer's outstanding shares effected February 3, 2011.

Smith	M.	William	/s/
-------	----	---------	-----

03/14/2012

Date

** Signature of Reporting Person

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

* 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).

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

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 Number.