

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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 APPROVAL

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1. Name and Address of Reporting Person* JOG VIKRAM			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 <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) CHIEF FINANCIAL OFFICER		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 08/07/2014			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
FLUIDIGM CORPORATION 7000 SHORELINE COURT, SUITE 100			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street) SOUTH SAN FRANCISCO CA 94080								
(City) (State) (Zip)								

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								2,061	I	See Footnote ⁽¹⁾
Common Stock	08/07/2014		M		841	A	\$14.6	1,131	D	
Common Stock	08/07/2014		M		145	A	\$8.3732	1,276	D	
Common Stock	08/07/2014		M		866	A	\$15.49	2,142	D	
Common Stock	08/07/2014		M		1,881	A	\$16.73	4,023	D	
Common Stock	08/07/2014		S ⁽²⁾		3,733	D	\$26.34	290	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. 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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	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
Employee Stock Option (Right to Buy)	\$14.6	08/07/2014		M		841		(3)	05/17/2021	Common Stock	841	\$0	16,667	D	
Employee Stock Option (Right to Buy)	\$8.3732	08/07/2014		M		145		(4)	01/04/2021	Common Stock	145	\$0	0	D	
Employee Stock Option (Right to Buy)	\$15.49	08/07/2014		M		866		(5)	02/17/2022	Common Stock	866	\$0	19,384	D	
Employee Stock Option (Right to Buy)	\$16.73	08/07/2014		M		1,881		(6)	02/15/2023	Common Stock	1,881	\$0	39,786	D	

Explanation of Responses:

- Shares held indirectly by the Vikram and Pratima Family Trust U/A dated June 23, 2009.
- The sales reported by Mr. Jog were effected pursuant to a Rule 10b5-1 trading plan adopted on September 13, 2013.
- 1/48th of the shares subject to the Option vested on June 18, 2011 and 1/48th of the shares subject to the Option vest each month thereafter, such that the Option will be fully vested on May 18, 2015.
- The shares subject to the Option fully vested on April 1, 2014.
- 1/48th of the shares subject to the Option vested on February 17, 2012 and 1/48th of the shares subject to the Option vested on March 1, 2012 and each month thereafter, such that the Option will be fully vested on January 1, 2016.

6. 1/48th of the shares subject to the Option vested on February 1, 2013 and 1/48th of the shares subject to the Option vested on March 1, 2013 and each month thereafter, such that the Option will be fully vested on January 1, 2017.

Remarks:

/s/ Valerie Barnett, attorney-in-
fact 08/11/2014

** Signature of Reporting Person Date

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.