JOG VIKRAM Form 4 February 21, 2012

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

Washington, D.C. 20549

if no longer subject to Section 16. Form 4 or

Check this box

Form 5 obligations may continue.

See Instruction 1(b).

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 * JOG VIKRAM

2. Issuer Name and Ticker or Trading

FLUIDIGM CORP [FLDM]

(First) (Middle) (Last)

(Street)

(Month/Day/Year)

02/17/2012

FLUIDIGM CORPORATION, 7000 SHORELINE COURT, SUITE 100

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

Symbol

3. Date of Earliest Transaction

X_ Officer (give title below)

Issuer

10% Owner Other (specify

below)

Chief Financial Officer

(Check all applicable)

6. Individual or Joint/Group Filing(Check

5. Relationship of Reporting Person(s) to

Applicable Line)

Director

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

SOUTH SAN FRANCISCO, CA 94080

(City) (State)

1. Title of

Security

(Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if

(Month/Day/Year)

(Zip)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5)

5. Amount of Securities Beneficially Owned Following Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial (I) Ownership (Instr. 4) (Instr. 4)

(A) Transaction(s) or (Instr. 3 and 4)

Code V Amount (D) Price

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

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 control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative

Conversion

3. Transaction Date 3A. Deemed (Month/Day/Year) Execution Date, if TransactiorDerivative

5. Number of

6. Date Exercisable and **Expiration Date**

7. Title and Amount of **Underlying Securities**

SEC 1474

(9-02)

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Security (Instr. 3)	or Exercise Price of Derivative Security		any (Month/Day/Year)	Code (Instr. 8	or D (D) (Ins	Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		(Month/Day/Year)		(Instr. 3 and 4)	
				Code V	V ((A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 15.49	02/17/2012		A	40,	,000		<u>(1)</u>	02/16/2022	Common Stock	40,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

JOG VIKRAM FLUIDIGM CORPORATION 7000 SHORELINE COURT, SUITE 100 SOUTH SAN FRANCISCO, CA 94080

Chief Financial Officer

Signatures

/s/ William M. Smith, attorney-in-fact 02/21/2012

**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) 1/48 of the shares subject to the Option vested on the date of grant and 1/48 of the shares subject to the Option will vest on March 1, 2012 and each month thereafter, such that the Option will be fully vested on January 1, 2016.

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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