Yow Mai Chan Form 4 March 06, 2013

FORM 4

Form 5

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

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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 * Yow Mai Chan

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Last)

(First) (Middle) FLUIDIGM CORP [FLDM]

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

03/04/2013

(Check all applicable)

FLUIDIGM CORPORATION, 7000 SHORELINE COURT, SUITE 100

(Street)

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

below)

below)

OMB APPROVAL

3235-0287

January 31,

2005

0.5

OMB

Number:

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response...

Estimated average

burden hours per

See Remarks

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)	(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. Transactic Code (Instr. 8)	omr Dispos (Instr. 3,	sed of 4 and (A) or	` '	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	03/04/2013		M	2,673	A	\$ 4.0828	2,673	D			
Common Stock	03/04/2013		S	2,673 (1)	D	\$ 17.7502 (2)	0	D			
Common Stock	03/04/2013		M	27,327	A	\$ 4.4461	27,327	D			
Common Stock	03/04/2013		S	27,327 (1)	D	\$ 18.1867 (3)	0	D			

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

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SEC 1474

(9-02)

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. 5. Number Transaction Derivative Code Securities (Instr. 8) 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 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)	\$ 4.0828	03/04/2013		M	361	<u>(4)</u>	11/17/2019	Common Stock	361
Employee Stock Option (Right to Buy)	\$ 4.0828	03/04/2013		M	2,312	<u>(5)</u>	11/17/2019	Common Stock	2,312
Employee Stock Option (Right to Buy)	\$ 4.4461	03/04/2013		M	4,744	<u>(6)</u>	05/07/2017	Common Stock	4,744
Employee Stock Option (Right to Buy)	\$ 4.4461	03/04/2013		M	8,257	<u>(7)</u>	04/23/2018	Common Stock	8,257
Employee Stock Option (Right to Buy)	\$ 4.4461	03/04/2013		M	8,257	(8)	04/23/2018	Common Stock	8,257
Employee Stock	\$ 4.4461	03/04/2013		M	6,069	<u>(9)</u>	04/23/2018	Common Stock	6,069

Option (Right to Buy)

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Yow Mai Chan FLUIDIGM CORPORATION 7000 SHORELINE COURT, SUITE 100 SOUTH SAN FRANCISCO, CA 94080

See Remarks

Signatures

/s/ Valerie Barnett, attorney-in-fact

03/06/2013 Date

**Signature of Reporting Person

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 Ms. Yow were effected pursuant to a Rule 10b5-1 trading plan adopted on February 28, 2013.
- 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 \$17.38 to \$17.7933, 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.
- 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 \$17.40 to \$18.56, 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.
- (4) 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 shall vest each month thereafter.
- (5) The shares subject to the Option fully vested on December 31, 2012.
- (6) 100% of the shares subject to the Option vested on May 1, 2010.
- (7) The shares subject to the Option fully vested on May 1, 2012.
- (8) The shares subject to the Option fully vested on March 31, 2012.
- (9) 100% of the shares subject to the Option vested on March 22, 2010.

Remarks:

EXECUTIVE VP, WORLDWIDE MANUFACTURING & MANAGING DIRECTOR - SINGAPORE

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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