Worthington Gajus Vincent Form 4

June 19, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB

OMB APPROVAL

3235-0287 Number:

January 31, Expires: 2005

Estimated average burden hours per response... 0.5

if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

See Instruction

Check this box

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Worthington Gajus Vincent

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

FLUIDIGM CORP [FLDM]

(Last) (First) (Middle)

3. Date of Earliest Transaction

_X__ Director

10% Owner

FLUIDIGM CORPORATION, 7000

06/15/2012

(Month/Day/Year)

Other (specify X_ Officer (give title below) PRESIDENT & CEO

(Check all applicable)

SHORELINE COURT, SUITE 100 (Street)

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

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

SOUTH SAN FRANCISCO, CA 94080

(City)	(State)	(Zip) Tab	le I - Non-	Derivativ	e Secu	rities Acqui	red, Disposed of,	or Beneficial	ly 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)	4. Securi oror Dispo (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	06/15/2012		S <u>(1)</u>	7,500 (2)	D	\$ 14.0109 (2)	277,659	I	See Footnote (3)
Common Stock	06/18/2012		S <u>(1)</u>	2,500 (4)	D	\$ 14.0215 (4)	275,159	I	See Footnote

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

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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. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amour	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ties	(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		
									Amount		
						Date	Expiration		or Name la sur		
						Exercisable	Date		Number		
				C 1 W	(A) (D)				of		
				Code V	(A) (D)			,	Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
Worthington Gajus Vincent						
FLUIDIGM CORPORATION	X		PRESIDENT			
7000 SHORELINE COURT, SUITE 100	Λ		& CEO			
SOUTH SAN FRANCISCO, CA 94080						

Signatures

/s/ Valerie Barnett, attorney-in-fact

06/19/2012 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).
- The sales reported were effected pursuant to a Rule 10b5-1 trading plan adopted on August 29, 2011 by the Worthington Family Trust (1) dated March 6, 2007, a trust for the benefit of the Reporting Person and the Reporting Person's spouse, for which the Reporting Person and the Reporting Person's spouse serve as trustees.
- 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 \$14.00 to \$14.06, 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) Shares held directly by the Worthingon Family Trust dated March 6, 2007.
- 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 \$14.00 to \$14.13, 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.

Reporting Owners 2

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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.