Worthington Gajus Vincent Form 4 April 04, 2012

FORM 4

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

OMB APPROVAL

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

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

Form 5 obligations may continue. See Instruction

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

(Last)

(City)

(First)

(Middle)

(Zin)

3. Date of Earliest Transaction

FLUIDIGM CORP [FLDM]

(Month/Day/Year) 04/02/2012

(Check all applicable)

_X__ Director 10% Owner X_ Officer (give title _ Other (specify below)

FLUIDIGM CORPORATION, 7000 SHORELINE COURT, SUITE 100

(Street)

(State)

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

President & CEO 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)	Tabl	e I - Non-D	Derivative S	Securi	ities Acqu	iired, Disposed of	f, or Beneficial	y Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securit	ies Ac	quired	5. Amount of	6.	7. Nature of
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or Dis	sposed	of (D)	Securities	Ownership	Indirect
(Instr. 3)		any	Code	Code (Instr. 3, 4 and 5)		Beneficially	Form: Direct	Beneficial	
		(Month/Day/Year)	(Instr. 8)				Owned	(D) or	Ownership
							Following	Indirect (I)	(Instr. 4)
					(4)		Reported	(Instr. 4)	
					(A)		Transaction(s)		
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
						Φ.			See
Common Stock	04/02/2012		S <u>(1)</u>	10,000	D	\$ 15.62	295,159	I	footnote (2)

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

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(9-02)

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

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	2.	3. Transaction Date		4.	5.	6. Date Exerc		7. Titl		8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transact Code (Instr. 8)	orNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:		Amou Under Securi (Instr.	lying	Derivative Security (Instr. 5)	Deriv Secur Bene Own Follo Repo Trans (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships					
Topotong of the Tunner, Thursday	Director	10% Owner	Officer	Other		
Worthington Gajus Vincent FLUIDIGM CORPORATION 7000 SHORELINE COURT, SUITE 100 SOUTH SAN FRANCISCO, CA 94080	X		President & CEO			

Signatures

/s/ William M. Smith, 04/04/2012 attorney-in-fact

**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).
- The sales reported were effected pursuant to a Rule 10b5-1 trading plan adopted on August 29, 2011 by the Worthington Family Trust
- 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.
- (2) Shares held directly by the Worthingon Family Trust dated March 6, 2007.

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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