FORM 4

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

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

	ss of Reporting Perso	2. Issuer Name and Ticker or Trading Symbol FLUIDIGM CORP [FLDM]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable)						
COLELLA S	AMUEL D	110	IDIGIVI CON	<u></u> [11	וייוענ	1	X	Director	10% Owner						
(Last)	(First)	3. Date 11/01	e of Earliest Transa /2013	ction (M	onth/[Day/Year)	-	Officer (give title below)	Other (specify below)						
C/O VERSANT	VENTURES														
3000 SAND HII	LL ROAD, #4-210)		4. If Ar	nendment, Date of	Original	Filed	(Month/Day/Y	6. Indi	6. Individual or Joint/Group Filing (Check Applicable					
(Street)									1 ′	Line) X Form filed by One Reporting Person					
MENLO PARK	CA	94025							Form filed by More than One Reporting Person						
(City)	(State)	(Zip)													
	Ta	able I - No	n-Deriva	ative S	ecurities Acq	uired,	Dis	posed of, o	or Ben	eficially	Owned				
			2. Transaction Date (Month/Day/Year)		2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Disposed Of 5)			5. Amount of Securities Beneficially Owner following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership		
						Code	v	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		(Instr. 4)		
Common Stock	11/01/	2013		J ⁽¹⁾	v	640,900	D	\$0	0	I	Versant Venture Capital I, L.P. ⁽¹⁾				
Common Stock			11/01/2013			J ⁽¹⁾	v	13,345	D	\$0	0	I	Versant Side Fund I, L.P. ⁽¹⁾		
Common Stock			11/01/	2013		J ⁽¹⁾	v	11,797	D	\$0	0	I	Versant Affiliates Fund I- A, L.P. ⁽¹⁾		
Common Stock			11/01/	2013		J ⁽¹⁾	v	34,585	D	\$0	0	I	Versant Affiliates Fund I- B, L.P. ⁽¹⁾		
Common Stock			11/04/	2013		J ⁽²⁾	v	4,030	A	\$0	5,294	I	Colella Family Partners, L.P. ⁽²⁾		
Common Stock			11/04/	2013		J ⁽³⁾	V	8,063	Α	\$0	18,940	D			
		Table II - I	Derivati	ve Sec	urities Acquir	ed D	ieno	sed of or	Ronofi	cially O	wned				

(e.g., puts, calls, warrants, options, convertible securities)

	(eig., pate, came, martaine, optione, convertible country															1
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	Amount or Number of Shares					

Explanation of Responses:

- 1. The Reporting Person is a managing member of Versant Ventures I, LLC, which is the general partner of each of Versant Venture Capital I, L.P., Versant Side Fund I, L.P., Versant Affiliates Fund I-A, L.P. and Versant Affiliates Fund I-B, L.P. (collectively, the "Versant Funds"). As such, the Reporting Person shares voting and investment power over the shares held by the Versant Funds and may be deemed to have indirect beneficial ownership of such shares. The Versant Funds made an in-kind distribution of common stock of the Issuer to their respective partners on November 1, 2013. The Reporting Person disclaims beneficial ownership of such shares held by the Versant Funds, except to the extent of his proportionate pecuniary interest therein, if any.
- 2. The shares are held by Colella Family Partners, L.P. ("Colella Partners"). The shares were received in in-kind distributions by Versant Ventures I, LLC, which is the general partner of each of the Versant Funds, on November 4, 2013. The Reporting Person is the General Partner of Colella Partners. The Reporting Person disclaims beneficial ownership of such shares held by Colella Partners, except to the extent of his proportionate pecuniary interest therein, if any.
- 3. The shares are held by the Colella Family Trust UTA Dtd. 9/21/92 ("Colella Trust"). The shares were received in in-kind distributions by Verrsant Ventures I, LLC, which is the general partner of each of the Versant Funds, on November 4, 2013. The Reporting Person is a trustee and beneficiary of the Colella Trust.

<u>fact</u>

** 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.