

NUSSBACHER KENNETH J  
 Form 3  
 February 09, 2011

**FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL

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**INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

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 \*  
 Â NUSSBACHER KENNETH J  
 (Last) (First) (Middle)  
 2. Date of Event Requiring Statement  
 (Month/Day/Year) 02/09/2011  
 3. Issuer Name and Ticker or Trading Symbol  
 FLUIDIGM CORP [FLDM]  
 4. Relationship of Reporting Person(s) to Issuer  
 5. If Amendment, Date Original Filed(Month/Day/Year)

C/O FLUIDIGM CORPORATION,Â 7000 SHORELINE COURT SUITE 100  
 (Street)

(Check all applicable)

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

SOUTH SAN FRANCISCO,Â CAÂ 94080  
 (City) (State) (Zip)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Beneficially Owned**

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

SEC 1473 (7-02)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)	3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)
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	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)	
Stock Option (Right to Buy)	Â (1)	Â (1)	Common Stock	8,670 (2)	\$ 8.38	D	Â
Stock Option (Right to Buy)	Â (3)	Â (3)	Common Stock	8,670 (2)	\$ 4.45	D	Â
Stock Option (Right to Buy)	Â (4)	Â (4)	Common Stock	16,515 (2)	\$ 4.45	D	Â
Stock Option (Right to Buy)	Â (5)	Â (5)	Common Stock	16,515 (2)	\$ 1.82	D	Â

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
NUSSBACHER KENNETH J C/O FLUIDIGM CORPORATION 7000 SHORELINE COURT SUITE 100 SOUTH SAN FRANCISCO, CA 94080	Â X	Â	Â	Â

## Signatures

/s/ Gajus V. Worthington, attorney-in-fact  
 Date: 02/09/2011

\_\_Signature of Reporting Person Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, see Instruction 5(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).
- 1/12th of the shares subject to such Option shall vest on each monthly anniversary of January 28, 2011 (the "Vesting Commencement Date"), such that the Option will be fully vested on the first annual anniversary of the Vesting Commencement Date. The Option shall expire on January 6, 2021.
- (1) Date", such that the Option will be fully vested on the first annual anniversary of the Vesting Commencement Date. The Option shall expire on January 6, 2021.
  - (2) Reflects a 1-for-1.73 reverse stock split of the Issuer's outstanding shares effected February 3, 2011.
  - (3) The Option fully vested on January 28, 2011 and shall expire on December 27, 2017.
  - (4) This Option was originally granted on December 28, 2007 and re-granted on December 23, 2009 as part of the Issuer's repricing. 12,042 shares subject to the Option were vested as of the re-grant date and thereafter 344 shares vested monthly. The Option fully vested on January 1, 2011 and shall expire on December 27, 2017.
  - (5) The Option fully vested on October 1, 2006 and shall expire on March 10, 2013.

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**Remarks:**  
 Exhibit 24 - Power of Attorney

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.