

Whitaker Raymond J
Form 4
February 17, 2011

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN 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 *
Whitaker Raymond J

2. Issuer Name and Ticker or Trading Symbol
FLUIDIGM CORP [FLDM]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

45 ROCKEFELLER PLAZA,
SUITE 1410

3. Date of Earliest Transaction
(Month/Day/Year)
02/15/2011

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

(Street)

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

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

NEW YORK, NY 10111

(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. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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)			
			Code	V	Amount	(A) or (D)	Price			
Common Stock	02/15/2011	02/15/2011	C ⁽¹⁾		47,400	A	②	47,400	I	See Footnotes (3) (4)
Common Stock	02/15/2011	02/15/2011	C ⁽⁵⁾		320,063	A	②	367,463	I	See Footnotes (3) (4)
Common Stock	02/15/2011	02/15/2011	C ⁽⁵⁾		66,991	A	②	434,454	I	See Footnotes (3) (4)
Common Stock	02/15/2011	02/15/2011	C ⁽¹⁾		47,400	A	②	481,854	I	See Footnotes

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Common Stock	02/15/2011	02/15/2011	C ⁽⁵⁾	320,063	A	<u>(2)</u>	801,917	I	(4) (6) See Footnotes (4) (6)
Common Stock	02/15/2011	02/15/2011	C ⁽⁵⁾	66,991	A	<u>(2)</u>	868,908	I	See Footnotes (4) (6)

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

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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. 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 Underlying Securities (Instr. 3 and 4)	8. Amount or Number of Shares
				Code	V (A) (D)	Date Exercisable Expiration Date	Title	
Series E Preferred Stock	<u>(2)</u>	02/15/2011	02/15/2011	C	47,400	<u>(7)</u> <u>(7)</u>	Common Stock	47,400
Series C Preferred Stock	<u>(2)</u>	02/15/2011	02/15/2011	C	320,063	<u>(8)</u> <u>(8)</u>	Common Stock	320,063
Series D Preferred Stock	<u>(2)</u>	02/15/2011	02/15/2011	C	66,991	<u>(8)</u> <u>(8)</u>	Common Stock	66,991
Series E Preferred Stock	<u>(2)</u>	02/15/2011	02/15/2011	C	47,400	<u>(7)</u> <u>(7)</u>	Common Stock	47,400
Series C Preferred Stock	<u>(2)</u>	02/15/2011	02/15/2011	C	320,063	<u>(8)</u> <u>(8)</u>	Common Stock	320,063
Series D Preferred Stock	<u>(2)</u>	02/15/2011	02/15/2011	C	66,991	<u>(8)</u> <u>(8)</u>	Common Stock	66,991

