

Byczko Peter F  
Form 4  
March 01, 2011

**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 Form 5 obligations may continue. See Instruction 1(b).

**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 \*  
Byczko Peter F

2. Issuer Name and Ticker or Trading Symbol  
MICROFLUIDICS INTERNATIONAL CORP [MFLU.OB]

5. Relationship of Reporting Person(s) to Issuer  
(Check all applicable)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
V.P., Chief Accounting Officer

(Last) (First) (Middle)  
30 OSSIPPEE ROAD  
(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
02/25/2011

NEWTON, MA 02462

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

(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 Ownership (Instr. 4) |     |       |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-----|-------|
|                                 |                                      |  |                                | (A) or (D)  | Code  | V  | Amount                            | (D) | Price |

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

**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.**

SEC 1474 (9-02)

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

| 1. Title of Derivative | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction | 5. Number of Derivative | 6. Date Exercisable and Expiration Date | 7. Title and Amount of Underlying Securities | 8. |
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|---|--|----|
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|-------------------------|---|--|----|

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| Security (Instr. 3)         | or Exercise Price of Derivative Security | any (Month/Day/Year) | Code (Instr. 8) | Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | (Month/Day/Year) | (Instr. 3 and 4) |      |   |        |     |                  |                 |              |                            |
|-----------------------------|--|----------------------|-----------------|---|------------------|------------------|------|---|--------|-----|------------------|-----------------|--------------|----------------------------|
|                             |  |                      |                 |   |                  |                  | Code | V | (A)    | (D) | Date Exercisable | Expiration Date | Title        | Amount or Number of Shares |
| Stock Option (Right to Buy) | \$ 0.34                                  | 02/25/2011           |                 |   |                  |                  | D    |   | 25,000 |     | (1)              | 03/26/2019      | Common Stock | 25,000                     |
| Stock Option (Right to Buy) | \$ 0.9                                   | 02/25/2011           |                 |   |                  |                  | D    |   | 40,000 |     | (2)              | 01/04/2020      | Common Stock | 40,000                     |

## Reporting Owners

| Reporting Owner Name / Address                         | Relationships |           |                                |       |
|--|---------------|-----------|--------------------------------|-------|
|  | Director      | 10% Owner | Officer                        | Other |
| Byczko Peter F<br>30 OSSIPPEE ROAD<br>NEWTON, MA 02462 |               |           | V.P., Chief Accounting Officer |       |

## Signatures

/s/ Peter Byczko                      03/01/2011  
 \*\*Signature of                      Date  
 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).
  - (1) This option was cancelled in the tender offer period that expired on February 24, 2011 in exchange for a cash payment of 25,250, representing the difference between the exercise price of the option and the tender offer price (1.35 per share) pursuant to the Agreement and Plan of Merger dated January 10, 2011 by and among Microfluidics International Corporation, Idex Coporation and Nano Merger Sub, Inc.
  - (2) This option was cancelled in the tender offer period that expired on February 24, 2011 in exchange for a cash payment of 18,000, representing the difference between the exercise price of the option and the offer price (1.35 per share) pursuant to the Agreement and Plan of Merger dated January 10, 2011 by and among Microfluidics International Corporation, Idex Corporation and Nano Merger Sub, Inc.

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.