

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

OMB Number: 3235-0104

Estimated average burden

hours per response: 0.5

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

1. Name and Address of Reporting Person* <u>IDEX CORP /DE/</u> (Last) (First) (Middle) 1925 WEST FIELD COURT, SUITE 200 (Street) LAKE FOREST IL 60045 (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 02/25/2011	3. Issuer Name and Ticker or Trading Symbol <u>MICROFLUIDICS INTERNATIONAL CORP [MFLU.OB]</u> 4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
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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)
Common Stock	6,940,731	I	See Footnotes ⁽¹⁾⁽²⁾

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 Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Explanation of Responses:

1. IDEX Corporation ("IDEX"), Nano Merger Sub, Inc., a wholly owned subsidiary of IDEX ("Purchaser"), and Microfluidics International Corporation (the "Issuer"), entered into an Agreement and Plan of Merger, dated as of January 10, 2011, pursuant to which Purchaser conducted a cash tender offer (the "Offer") to purchase all outstanding shares of common stock, par value \$0.01 per share, of the Issuer (the "Shares"), at a price of \$1.35 per Share, net to the seller in cash, and subject to the terms and conditions set forth in the Offer to Purchase, dated January 25, 2011, as amended, attached as an exhibit to the Tender Offer Statement on Schedule TO, initially filed by IDEX and Purchaser with the Securities and Exchange Commission on January 25, 2011, as amended.

2. The Offer expired at 12:00 midnight, New York City time, on February 24, 2011. An aggregate of 6,940,731 Shares were validly tendered and not withdrawn in the Offer (including certain Shares tendered under the Offer's guaranteed delivery procedures), representing approximately 66.54% of the Issuer's outstanding Shares. On February 25, 2011, Purchaser accepted for payment all validly tendered and not withdrawn Shares. Purchaser is the owner of the Shares purchased in the Offer. IDEX may be deemed to be the indirect beneficial owner of the Shares held by Purchaser.

[IDEX Corporation, by /s/](#)
[Frank J. Notaro, Vice President 03/01/2011](#)
[and General Counsel](#)

** 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 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).

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.