

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 or
Section 30(h) of the Investment Company Act of 1940

| | | |
|---|--|---|
| 1. Name and Address of Reporting Person * LAWRENCE WILLIAM B (Last) (First) (Middle) 6070 PARKLAND BLVD. (Street) MAYFIELD HTS., OH 44124 (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol MATERION Corp [MTRN] | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) |
| 3. Date of Earliest Transaction (MM/DD/YYYY) 11/18/2013 | | 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person |
| 4. If Amendment, Date Original Filed (MM/DD/YYYY) | | |

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

| 1. Title of Security (Instr. 3) | 2. Trans. Date | 2A. Deemed Execution Date, if any | 3. Trans. 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 | 11/18/2013 | | M | | 649 | A | \$16.10 | 9347 | D | |
| Common stock | 11/18/2013 | | D | | 351 | D | \$29.00 | 8996 | D | |
| Common Stock | 11/19/2013 | | M | | 53 | A | \$16.10 | 9049 | D | |
| Common Stock | 11/19/2013 | | D | | 40 | D | \$29.00 | 9009 | D | |
| Common stock | | | | | | | | 11987.776 | I | see footnote (1) |

Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

| 1. Title of Derivate Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Trans. Date | 3A. Deemed Execution Date, if any | 4. Trans. 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 | | 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 of Derivative Security: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|-------------------|---|------------------------------|---|--|--|--------------------|--|----------------------------------|---|--|---|--|
| | | | | Code | V | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | | | | |
| Stock Options | \$16.10 | 11/18/2013 | | M | | 649 | 11/5/2004 | 5/5/2014 | Common Stock | 649 | \$0 | 0 | D | |
| Stock options | \$16.10 | 11/18/2013 | | D | | 351 | 11/5/2004 | 5/5/2014 | Common Stock | 149 | \$0 | 0 | D | |
| Stock Options | \$16.10 | 11/19/2013 | | M | | 53 | 11/5/2004 | 5/5/2014 | Common Stock | 53 | \$0 | 0 | D | |
| Stock Options | \$16.10 | 11/19/2013 | | D | | 40 | 11/5/2004 | 5/5/2014 | Common Stock | 40 | \$0 | 0 | D | |

Explanation of Responses:

(1) Acquired and held by trust for the Amended and Restated Materion Corporation Non-employee Director Equity Plan.

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| LAWRENCE WILLIAM B 6070 PARKLAND BLVD. MAYFIELD HTS., OH 44124 | X | | | |

Signatures

Susan J. MacDonald / Atty in fact

11/19/2013

**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.

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