

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

| OMB APPROVAL                                 |           |
|--|-----------|
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|  |         |          |  |                    |  |  |  |  |
|--|---------|----------|--|--------------------|--|--|--|--|
| 1. Name and Address of Reporting Person*<br><b>BEST LAWRENCE C</b> |         |          | 2. Issuer Name and Ticker or Trading Symbol<br><b>HAEMONETICS CORP [ HAE ]</b> |                    |  | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br>Officer (give title below) Other (specify below) |  |  |
| (Last)   | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year)<br><b>02/16/2010</b>          |                    |  | 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person    |  |  |
| 400 WOOD ROAD  |         |          | 4. If Amendment, Date of Original Filed (Month/Day/Year)                       |                    |  |  |  |  |
| (Street)   | (City)  | (State)  | (Zip)  | BRAintree MA 02184 |  |  |  |  |

**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                    | 02/16/2010                           |  | S                              |   | 25,000  | D          | \$53.5072 | 76,008 <sup>(1)</sup>   | D  |   |
| Common Stock                    | 02/17/2010                           |  | S                              |   | 25,000  | D          | \$53.6316 | 51,008 <sup>(1)</sup>   | D  |   |

**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 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: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|--|--|---|--|
|  |  |                                      |  | Code                           | V | (A)  | (D) | Date Exercisable   | Expiration Date |   |  |  |   |  |
| Non-Qualified Stock Option (right to buy)  | \$20.465   |                                      |  |                                |   |  |     | 08/22/2003 <sup>(2)</sup>                                | 08/22/2013      | Common Stock  | 20,000                                     | 20,000   | D   |  |
| Non-Qualified Stock Option (right to buy)  | \$26.105   |                                      |  |                                |   |  |     | 05/05/2004 <sup>(2)</sup>                                | 05/05/2014      | Common Stock  | 6,000                                      | 6,000  | D   |  |
| Non-Qualified Stock Option (right to buy)  | \$44.74  |                                      |  |                                |   |  |     | 09/02/2005 <sup>(2)</sup>                                | 09/02/2015      | Common Stock  | 6,000                                      | 6,000  | D   |  |
| Non-Qualified Stock Option (right to buy)  | \$49.92  |                                      |  |                                |   |  |     | 08/01/2008 <sup>(3)</sup>                                | 08/01/2014      | Common Stock  | 4,592                                      | 4,592  | D   |  |
| Non-Qualified Stock Option (right to buy)  | \$52.76  |                                      |  |                                |   |  |     | 05/05/2006 <sup>(2)</sup>                                | 05/05/2013      | Common Stock  | 6,000                                      | 6,000  | D   |  |
| Non-Qualified Stock Option (right to buy)  | \$58.46  |                                      |  |                                |   |  |     | 07/31/2009 <sup>(3)</sup>                                | 07/31/2018      | Common Stock  | 5,664                                      | 5,664  | D   |  |

**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 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: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|--|-----------------|---|----------------------------|--|--|---|--|
|  |  |                                      |  | Code                           | V | (A)  | (D) | Date Exercisable   | Expiration Date | Title   | Amount or Number of Shares |  |  |   |  |
| Non-Qualified Stock Option (right to buy)  | \$59.44  |                                      |  |                                |   |  |     | 07/30/2010 <sup>(3)</sup>                                | 07/30/2016      | Common Stock  | 5,879                      |  | 5,879  | D   |  |

**Explanation of Responses:**

- Total includes Restricted Stock Awards and/or Restricted Stock Units that are subject to restrictions until vesting requirements are met. Grant was made under 2005 Long Term Incentive Compensation Plan.
- Grant to reporting person of right to buy shares of common stock exercisable immediately.
- Grant to reporting person of right to buy shares of common stock exercisable 100 percent on the first anniversary of the date of grant.

By: Susan M Hanlon For:  
Lawrence C. Best

02/18/2010

\*\* 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.

**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.**