Instruction 1(b)

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

OMB APPROVAL

I

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 2. Issuer Name and Ticker or Trading Symbol 5. Relationship of Reporting Person(s) to Issuer 1. Name and Address of Reporting Person' (Check all applicable) HAEMONETICS CORP [HAE] Popovsky Mark A Director 10% Owner Officer (give title Other (specify Х 3. Date of Earliest Transaction (Month/Day/Year) below) below) (Last) (First) (Middle) 10/24/2007 VP, Corporate Medical Director 400 WOOD ROAD 4. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) (Street) BRAINTREE 02184 X Form filed by One Reporting Person MA Form filed by More than One Reporting Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5) 2. Transaction Date 2A. Deemed Execution Date, 6. Ownership Form: Direct 1. Title of Security (Instr. 3) 5. Amount of 7. Nature of 3. Transaction Securities Indirect (Month/Day/Year) if any Code (Instr. Beneficially (D) or Indirect Beneficial Owned Following (Month/Day/Year) 8) (I) (Instr. 4) Ownership Reported (Instr. 4) (A) or (D) Transaction(s) (Instr. 3 and 4) Code v Amount Price Common Stock 10/24/2007 A 840(1) Α \$0.01 4,392(2) D Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) 9. Number of 1. Title of 3. Transaction 3A. Deemed 5. Number 6. Date Exercisable and 7. Title and Amount 8. Price of 11. Nature Derivative Conversion Date Execution Date, Transaction Expiration Date of Securities Derivative derivative Ownership of Indirect (Month/Day/Year) Security (Instr. 3) or Exercise if any (Month/Day/Year) Code (Instr. Derivative (Month/Day/Year) Underlying Derivative Security Security (Instr. 5) Securities Form Beneficial Direct (D) Price of 8) Securities Beneficially Ownership Derivative Acauired (Instr. 3 and 4) Owned or Indirect (Instr. 4) (A) or Disposed of (D) (Instr. 3, 4 and 5) Security Following (I) (Instr. 4) Reported Transaction(s) (Instr. 4) Amount or Number Date Exercisable Expiration Date of Shares v (D) (A) Title Code Non-Qualified Stock Commo \$51.07 10/24/2007 Α 13,451 10/24/2008⁽³⁾ 10/24/2014 13,451 \$<mark>0</mark> 13.451 D Option Stock (right to buy) Non-Qualified Stock Commo \$26.105 05/05/2005⁽³⁾ 05/05/2014 10,000 10.000 D Option Stock (right to buy) Non-Qualified Stock Commor \$31.66 04/29/2003⁽³⁾ 04/29/2012 15,000 15,000 D Option Stock (right to buy) Non-Qualified Stock Commo \$33.15 04/30/2002(3) 04/30/2011 11,230 11,230 D Option Stock (right to buy) Non-Qualified Stock Commo \$41.15 07/27/2006⁽³⁾ 07/27/2015 17,000 17,000 D Option Stock (right to buy) Non-Qualified Stock Commo \$52.76 05/05/2007⁽³⁾ 05/05/2013 14,891 14,891 D Option Stock (right to buy)

Explanation of Responses:

1. Restricted Stock Unit Grant which vest 25% per year over 4 years following the grant date. Grant was made under 2005 Long Term Incentive Compensation Plan.

2. Total includes Restricted Stock Awards and/or Restricted Stock Units that are subject to restrictions until vesting requirements are met. Grants was made under 2005 Long Term Incentive Compensation Plan. 3. Grant to reporting person of right to buy shares of common stock exercisable in annual increments of 25 percent beginning on the first anniversary of the date of grant.

> By: Susan Hanlon For: Mark B 10/26/2007 Popovsky

** 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.