

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 13G
Under the Securities Exchange Act of 1934

(Amendment No. 5)

HAEMONETICS CORPORATION

COMMON STOCK

405024-10-0
(CUSIP No.)

Check the following box if a fee is being Paid with this statement []

CUSIP No. 405024-10-0

- (1) Names of Reporting Persons S. S. or I. R. S.
Identification Nos. of Above Persons

James L. Peterson
71142311156

- (2) Check the Appropriate Box if a Member of a Group (See Instructions)

(a) -----
(b) -----

- (3) SEC Use Only

- (4) Citizenship or Place of Organization U.S.

Number of	(5)	Sole Voting Power	----
Shares			
Beneficially	(6)	Shared Voting Power	----
Owned by			
Each Reporting	(7)	Sole Dispositive Power	----
Person			
With	(8)	Shared Dispositive Power	----

- (9) Aggregate Amount Beneficially Owned by Each Reporting Person

- (10) Check if the Aggregate Amount in Row (9) Excludes Certain Shares
(See Instructions)

- (11) Percent of Class represented by Amount in Row (9) ----

- (12) Type of Reporting Person (See Instructions) IN

Item 1(a) Name of Issuer: HAEMONETICS CORPORATION

Item 1(b) Address of Issuer's Principal Executive Offices:

400 Wood Road, Braintree, MA 02184

Item 2(a) Name of person Filing: James L. Peterson

Item 2(b) Address of Principal Business Office or, if none, Residence:

Same as above

Item 2(c) Citizenship: U.S.

Item 2(d) Title of Class of Securities: Common Stock

Item 2(e) CUSIP Number 405024-10-0

Item 3 Not Applicable

Item 4 Ownership:

(a) Amount Beneficially Owned: ---

(b) Percent of Class: ---

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote:

(ii) shared power to vote or to direct the vote:

(iii) sole power to dispose or to direct the disposition of:

(iv) shared power to dispose or to direct the disposition of:

Item 5 Ownership of Five Percent or Less of a Class:

Yes

Item 6 Ownership of More than Five Percent on Behalf of Another Person:

Not Applicable

Item 7 Identification and Classification of the Subsidiary Which Acquired
----- the Security Being Reported on By the Parent Holding Company:

Not Applicable

Item 8 Identification and Classification of Member of the Group:

Not Applicable

Item 9 Notice of Dissolution of Group: Not Applicable

Item 10 Certification: Not Applicable

Signature

After reasonable inquiry and to the best of my knowledge and belief,
I certify that the information set forth in this statement is true,
complete and correct.

Signed: /s/ BRIGID A. MAKES

Name: Brigid A. Makes

Title: Vice President, Finance

Date: February 13, 1997