WEINER BARRY W

Form 4

December 11, 2007

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

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if no longer subject to Section 16. Form 4 or Form 5

obligations

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * WEINER BARRY W

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol ENZO BIOCHEM INC [ENZ]

(First) (Middle) (Last)

3. Date of Earliest Transaction

(Check all applicable)

C/O ENZO BIOCHEM, INC., 527

(Street)

(Month/Day/Year) 12/07/2007

_X__ Director 10% Owner X_ Officer (give title Other (specify

MADISON AVENUE

(Instr. 8)

below) President and CFO

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

(Instr. 4)

Person

below)

NEW YORK, NY 10022

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4)

(9-02)

(A)

(Instr. 3, 4 and 5)

Following Reported Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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

1. Title of Derivative Security

Conversion or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

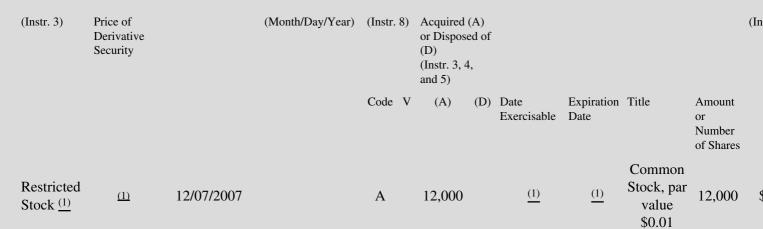
Execution Date, if any

4. 5. Number of **Transaction**Derivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of 8. 1 **Underlying Securities** De (Instr. 3 and 4) Sec

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Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
WEINER BARRY W C/O ENZO BIOCHEM, INC.				
527 MADISON AVENUE	X	President and CFO		
NEW YORK, NY 10022				

Signatures

/s/ Barry W.
Weiner

**Signature of Date

**Signature of Reporting Person

Explanation of Responses:

- * 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).
- On December 7, 2007, the Reporting Person was granted 12,000 Restricted Stock Units as compensation for service as an officer of the (1) Issuer. Each Restricted Stock Unit consists of a right to the issuance of one share of common stock, par value \$0.01 ("Common Stock"). The Restricted Stock Units are subject to a three-year vesting period.
 - This number includes 4,923 shares in the Issuer's 401K plan, of which the Reporting Person has direct beneficial ownership. In addition to the non-derivative securities reported here, the Reporting Person has direct beneficial ownership of stock options to purchase 523,342 shares of Common Stock which are exercisable within 60 days of the date of this report. The Reporting Person also has an indirect
- beneficial interest in: (i) 3,642 shares held in the name of the Reporting Person as custodian for certain of his children and (ii) 5,000 shares of Restricted Stock that vest within 60 days from the date hereof. This number does not include 17,000 Restricted Stock Units that will not vest within the next 60 days.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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