SIAS JOHN B Form 4 October 01, 2008

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

OMB APPROVAL

3235-0287

Expires:

5. Relationship of Reporting Person(s) to

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

January 31, 2005

0.5

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

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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *

1(b).

See Instruction

SIAS JOHN B			Symbol ENIZO PLOCHEM INC (ENIZ)	Issuer
(Last)	(First)	(Middle)	ENZO BIOCHEM INC [ENZ] 3. Date of Earliest Transaction	(Check all applicable)
C/O ENZO I		INC, 527	(Month/Day/Year) 09/26/2008	_X_ Director 10% Owner Officer (give title below) Other (specification)
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

2. Issuer Name and Ticker or Trading

NEW YORK, NY 10022

(City)	(State) (Z	Zip) Table	I - Non-Do	erivative Securities Acc	quired, Disposed o	of, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
Common			Code V	(A) or Amount (D) Price	Reported Transaction(s) (Instr. 3 and 4)		
Stock, par value \$0.01 per share	09/26/2008		M	6,078 A \$ 5.45	173,087 (1)	D	

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

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Applicable Line)

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

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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)	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 Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Option	\$ 5.45	09/26/2008		M	6,078	10/01/2002	10/01/2008	Common Stock, par value \$0.01 per share	6,078

Reporting Owners

Reporting Owner Name / Address	Relationships				
1 6	Director	10% Owner	Officer	Other	
SIAS JOHN B C/O ENZO BIOCHEM INC 527 MADISON AVENUE NEW YORK, NY 10022	X				

Signatures

/s/ John B. Sias 09/30/2008

**Signature of Date
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).
- (1) Includes (i) 74,246 shares of Common Stock issuable upon the exercise of options which are exercisable within 60 days from the date hereof and (ii) 6,000 shares of restricted Common Stock.

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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