<b>FORM</b>	4
-------------	---

ъ

(Drint on Tr

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

OMB APPROVAL OMB Number: 3235-0287 Estimated average burden hours per response... 0.5

#### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

1. Name and Address of Reporting Person KASTEN BERNARD L	2. Issuer Name and ENZO BIOCHE			- ·		5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner				
(Last) (First) C/O ENZO BIOCHEM, 527 MAD AVENUE	TOOL	3. Date of Earliest Tr 01/22/2009	ansaction (N	Month	n/Day/Yea	ır)		Officer (give title below) Ot	her (specify belo	w)
(Street) NEW YORK, NY 10022		4. If Amendment, Da	te 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 Person			
(City) (State)	(Zip)	,	Table I - No	on-De	erivative S	Securitie	s Acqu	ired, Disposed of, or Beneficially Own	ied	
1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)		(Instr. 8)		4. Securi (A) or Di (Instr. 3,	-	f (D)	Owned Following Reported Transaction(s)	6. Ownership Form:	Beneficial
		(Month/Day/Year)	Code	v	Amount	(A) or (D)	Price	x /	Direct (D) or Indirect (I) (Instr. 4)	Ownership (Instr. 4)

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

Persons who respond to the collection of information contained SEC 1474 (9-02) in this form are not required to respond unless the form displays a currently valid OMB control number.

#### Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

			()	e.g., puts	s, ca	ns, warra	ints,	options, con	vertible securit	lies)					
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	(Month/Day/Year)		Code	Transaction of Derivative Code Securities		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount		Derivative Security (Instr. 5)	Securities Beneficially Owned Following Reported Transaction(s)	Ownership Form of Derivative Security: Direct (D) or Indirect (I)	Beneficial Ownership	
				Code	v	(A)	(D)	Exercisable	Expiration Date	Title	Amount or Number of Shares		(Instr. 4)	(Instr. 4)	
Restricted Stock Units (1)	<u>(1)</u>	01/22/2009		А		28,651		<u>(1)</u>	01/22/2019	Common Stock (1)	28,651	(1)	40,979	D	

## **Reporting Owners**

	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
KASTEN BERNARD L C/O ENZO BIOCHEM 527 MADISON AVENUE NEW YORK, NY 10022	Х						

### Signatures

 /s/ Bernard Kasten
 01/26/2009

 \*\*Signature of Reporting Person
 Date

# **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) On January 22, 2009, the Reporting Person was granted 28,651 Restricted Stock Units as compensation for serving as an independent director of the Issuer. Each Restricted Stock Unit consists of a right to the issuance of one share of common stock, par value \$.01 ("Common Stock"). The Restricted Stock Units are subject to a two-year vesting period.

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.