

PIPEX PHARMACEUTICALS, INC.

Form 4

July 24, 2007

FORM 4

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

OMB APPROVAL

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 *
KANZER STEVE H

2. Issuer Name and Ticker or Trading Symbol
PIPEX PHARMACEUTICALS, INC. [PP]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)

Director 10% Owner
 Officer (give title below) Other (specify below)
CEO

C/O PIPEX, 3930 VARSITY DRIVE

07/23/2007

(Street)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

ANN ARBOR, MI 48108

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Ownership (Instr. 4)
			Code	V	Amount		
Common Stock	07/23/2007		P		3,400	A	\$ 6.9 276,646 D
Common Stock	07/23/2007		P		500	A	\$ 6.87 277,146 D
Common Stock	07/23/2007		P		1,300	A	\$ 6.85 278,446 D
Common Stock	07/23/2007		P		8,400	A	\$ 6.8 286,846 D
Common Stock	07/23/2007		P		200	A	\$ 6.77 287,046 D

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Common Stock	07/23/2007	P	1,900	A	\$ 6.75	288,946	D	
Common Stock	07/23/2007	P	500	A	\$ 6.72	289,446	D	
Common Stock	07/23/2007	P	4,600	A	\$ 6.7	294,046	D	
Common Stock	07/23/2007	P	7,000	A	\$ 6.65	301,046	D	
Common Stock	07/23/2007	P	1,000	A	\$ 6.6	302,046	D	
Common Stock	07/23/2007	P	900	A	\$ 6.58	302,946	D	
Common Stock	10/31/2006	P	7,086,379	A	∞	7,086,379	I	Accredited Venture Capital, LLC

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 (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)	4. 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 Number Shares
Warrants	\$ 2.22	10/31/2006		A	832,606	10/31/2006	10/30/2011	Common Stock	832,606
Warrants	\$ 3.3	01/05/2007		A	7,651	01/05/2007	05/30/2015	Common Stock	7,651
Warrants	\$ 2.22	11/28/2006		A	373,639	11/28/2006	11/27/2016	Common Stock	373,639

