ELMS STEVE Form 4 May 23, 2013

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

if no longer subject to Section 16.

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005 Estimated average

0.5

Form 4 or Form 5 obligations may continue.

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

SECURITIES

burden hours per response...

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

ELMS STEVE

Symbol

(Check all applicable)

AMBIT BIOSCIENCES CORP [AMBI]

(Last) (First) (Middle) 3. Date of Earliest Transaction

X_ Director

(Month/Day/Year)

05/22/2013

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

C/O AMBIT BIOSCIENCES CORPORATION, 11080 ROSELLE STREET

(Street)

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line)

Filed(Month/Day/Year)

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

SAN DIEGO, CA 92121

(City) (State)

(Month/Day/Year)

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

(Zip)

3. Transactionr Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)

4. Securities Acquired (A) 5. Amount of Securities Beneficially Owned

Following

Reported

Ownership Form: Direct (D) or Indirect

Indirect Beneficial Ownership (Instr. 4)

7. Nature of

(A)

Transaction(s) (Instr. 3 and 4)

(Instr. 4)

Code V Amount (D) Price

I

See Footnote

Common 05/22/2013 Stock

X 103,712 A

1,650,156

(2)

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 in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

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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. Transactio Code (Instr. 8)	5. Number of orDerivative 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
Warrant	\$ 0.024	05/22/2013		X		103,712	<u>(1)</u>	05/18/2021	Common Stock	103,712

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

ELMS STEVE C/O AMBIT BIOSCIENCES CORPORATION 11080 ROSELLE STREET SAN DIEGO, CA 92121



Signatures

/s/ Steve Elms 05/23/2013

**Signature of 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) The warrant is immediately exercisable.
 - The reportable securities are held directly by Perseus-Soros Biopharmaceutical Fund, L.P., or PSBF, and are indirectly held by Perseus-Soros Partners, LLC or PSPGP, as general partner of PSBF, Aisling Capital LLC, or Aisling Capital, as the managing member of
- (2) PSPGP, and each of the individual managing members of Aisling Capital, including the Reporting Person. PSBF, PSPGP, Aisling Capital and the individual managing members of Aisling Capital, including the Reporting Person, share voting and dispositive power over the reportable securities directly held by PSBF. The Reporting Person serves as a director of the Issuer.

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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