longer subject to Section 16. Form 4 or

Form 5 obligations

may continue. See

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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OMB APPROVAL

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

Instruction 1(b). Section 30(h) of the Investment Company Act of 1940

| (11iiit of Type Respo. | nses) | | | | | | 1 | | |
|---|------------------------|---|---------|-------|----------------------------------|---|--|--|---|
| 1. Name and Addres DAUGHERTY B | Symbol | har | | | er or Trading s Holding Corp. | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director More of the (specify below) | | | |
| (Last) (C/O TONIX PHA HOLDING CORI AVENUE, SUIT | (INTORIUM E | Day/ | Year) | nsac | tion | below) SEE REMARKS | | | |
| NEW YORK, NY | 4. If Ame Filed(Mon | | , | e Oı | iginal | 6. Individual or Joint/Group Filing(Check Applicable Line) Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |
| (City) | Table | I - | Non-Dei | rivat | tive Securities Acq | ired, Disposed of, or Beneficially Owned | | | |
| 1.Title of Security (Instr. 3) | | 2A. Deemed Execution Date, any (Month/Day/Ye | , if | Code | <u> </u> | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) (A) or Amount (D) Price | 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 Indirect Beneficial Ownership (Instr. 4) |
| D 11 D 1 | | | | 1 6 | . ,, | | | | |

| Reminder: Report on a separate line for each class of securities benefici directly or indirectly. | ially owned | | |
|--|-------------------------|--|-------------------|
| | information required to | to respond to the collection of contained in this form are not respond unless the form displays a laid OMB control number. | SEC 147- (9-02 |

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned $(\textit{e.g.}, \texttt{puts}, \texttt{calls}, \texttt{warrants}, \texttt{options}, \texttt{convertible} \ \texttt{securities})$

| 1. Title of | | | | | | | | 7. Title and Amount | | | | | 11. Nature | | |
|-------------|-------------|------------------|--------------------|-----------|-----------------|------------|------------------|---------------------|------------------|-----------------|------------|--------------|----------------|-------------|--|
| Derivative | Conversion | Date | Execution Date, if | Transact | Transaction of | | Expiration Date | | of Underlying | | Derivative | Derivative | Ownership | of Indirect | |
| Security | or Exercise | (Month/Day/Year) | any | Code | Code Derivative | | (Month/Day/Year) | | Securities | | Security | Securities | Form of | Beneficial | |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8 | 8) Securities | | | | (Instr. 3 and 4) | | (Instr. 5) | Beneficially | Derivative | Ownership | |
| | Derivative | | | | | Acquire | | | | | | Owned | Security: | (Instr. 4) | |
| | Security | | | | | (A) or | • | | | | | Following | Direct (D) | , , | |
| | , | | | | | Dispose | isposed of | | | | | Reported | or Indirect | | |
| | | | | | | (D) | | | | | | | Transaction(s) | (I) | |
| | | | | | | (Instr. 3. | , 4, | | | | | | (Instr. 4) | (Instr. 4) | |
| | | | | | | and 5) | | | | | | | , , , | , | |
| | | | | | | | | | | | Amount | | | | |
| | | | | | | | | D : | E : .: | | or | | | | |
| | | | | | | | | | Expiration | Title | Number | | | | |
| | | | | | | | | Exercisable | Date | | of | | | | |
| | | | | Code | V | (A) | (D) | | | | Shares | | | | |
| Stock | φ.1.7.00 | 00/11/0014 | | | | 26,000 | | (1) | 00/11/0004 | Common | 26,000 | + - (2) | 26,000 | Г. | |
| Option | \$ 15.88 | 02/11/2014 | | Α | | 26,000 | | <u>(1)</u> | 02/11/2024 | Common Stock | 26,000 | \$0(2) | 26,000 | D | |

Reporting Owners

| Reporting Owner Name / Address | | Relationships | | | | | | |
|---|--|---------------|-------------|-------|--|--|--|--|
| | | 10% Owner | Officer | Other | | | | |
| DAUGHERTY BRUCE C/O TONIX PHARMACEUTICALS HOLDING CORP. 509 MADISON AVENUE, SUITE 306 NEW YORK, NY 10022 | | | SEE REMARKS | | | | | |

Signatures

| /s/ Bruce Daugherty | 02/26/2014 |
|-------------------------------|------------|
| 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) The option vests 1/3rd on the first anniversary of issuance and 1/36th each month thereafter for 24 months.
- $\textbf{(2)} \ The \ option \ was \ granted \ pursuant \ to \ the \ Issuer's \ Amended \ and \ Restated \ 2012 \ Incentive \ Stock \ Plan.$

Remarks:

Chief Scientific Officer and Secretary

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.