FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| l | OMB APPRO                | VAL       |  |  |  |  |  |  |  |
|---|--------------------------|-----------|--|--|--|--|--|--|--|
|   | OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |
| l | Estimated average burden |           |  |  |  |  |  |  |  |
| l | hours per response:      | 0.5       |  |  |  |  |  |  |  |

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

|  | d Address of<br>Jeffrey V   | 2. Issuer Name <b>and</b> Ticker or Trading Symbol PHARMATHENE, INC [ PIP ] |                        |           |   |  |   |  |                    |                             |  | tionship of Reporting<br>all applicable)<br>Director  |  | Person(s) to Issuer 10% Owner |   |   |   |   |
|--|---|---|------------------------|-----------|---|--|---|--|--------------------|-----------------------------|--|---|--|-------------------------------|---|---|---|---|
| (Last) (First) (Middle) C/O PHARMATHENE, INC., ONE PARK PLACE  |   |   |                        |           |   |  | 3. Date of Earliest Transaction (Month/Day/Year) 06/17/2011 |  |                    |                             |  |   |  |                               | Office<br>below   | er (give title<br>w)  | Oth<br>belo   | er (specify<br>w)                       |
| SUITE 450  (Street)  ANNAPOLIS MD 21401  (City) (State) (Zip)  |   |   |                        |           |   | 4. If Amendment, Date of Original Filed (Month/Day/Year) |   |  |                    |                             |  |   |  | 6. Indiv<br>Line)<br>X        | ridual or Joint/Group Filing (Check Applicable  Form filed by One Reporting Person  Form filed by More than One Reporting  Person |   |   |   |
|  |   | Tabl  | e I - N                | on-Deriv  | ative   | Seci   | uritie  | s Ac   | quire              | d, Di                       | sposed o                                   | f, or B   | enefic                                 | ially                         | Owne  | ed  |   |   |
| 1. Title of S  | ion<br>/Year)   | Execution Date,   |                        | ate,      | 3.<br>Transaction<br>Code (Instr.<br>8)  4. Securities Acquirer<br>Disposed Of (D) (Instr |  |   |  |                    |                             | ount of<br>ities<br>icially<br>d Following | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)                                 | of Indirect<br>Beneficial<br>Ownership |                               |   |   |   |   |
|  |   |   |                        |           |   | Code   | v   | Amount   | (A) or<br>(D)      | Price                       |  |   | action(s)<br>3 and 4)                  |                               | (Instr. 4)  |   |   |   |
| Common<br>share  | 011   | )11   |                        | P         |   | 17,850   | A   | \$2.69   | )31 <sup>(1)</sup> |                             | 7,850                                      | D   |  |                               |   |   |   |   |
| Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) |   |   |                        |           |   |  |   |  |                    |                             |  |   |  |                               | `   |   |   |   |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)  | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction<br>Date<br>(Month/Day/Year)                                  | Execut<br>(ear) if any | ion Date, |   | ransaction<br>code (Instr.                               |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |                    | Exerc<br>tion Da<br>h/Day/\ |  | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr.<br>and 4) |  | Deriv<br>Secu<br>(Inst        | vative<br>urity<br>tr. 5)   | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(:<br>(Instr. 4) | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>t (Instr. 4) |
|  |   |   |                        |           | Code  | v  | (A)   | (D)  | Date<br>Exercis    | sable                       | Expiration<br>Date                         | Title   | or<br>Number<br>of<br>Shares           |                               |   |   |   |   |

## **Explanation of Responses:**

1. The price reported in Column 4 is a weighted average price. These shares were purchased in multiple transactions at prices ranging from \$2.679 to \$2.730 per share. The reporting person undertakes to provide to PharmAthene, Inc., any security holder of PharmAthene, Inc., or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares purchased by him at each separate price on June 17, 2011.

/s/ Roland S. Chase, attorney in fact 06/20/2011

\*\* Signature of Reporting Person Date

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

- \* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.