## FORM 4

obligations may continue. See Instruction 1(b).

Check this box if no longer subject to Section 16. Form 4 or Form 5

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
|-------------|------|-------|
|             |      |       |

| STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP |
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| OMB APPRO               | VAL                                    |
|-------------------------|--|
| OMB Number:             | 3235-0287                              |
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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*  SCHAFFER DERACE L   |         |                              |          |   |  | 2. Issuer Name <b>and</b> Ticker or Trading Symbol PHARMATHENE, INC [ PIP ] |                   |   |       |                        |                       |                     |   | 5. Relationsh<br>(Check all ap<br>X Dire                          |  | olicable)   | Person(s) to Issuer<br>10% Owner |                |  |
|---|---------|------------------------------|----------|---|--|---|-------------------|---|-------|------------------------|-----------------------|---------------------|---|---|--|---|----------------------------------|----------------|--|
|   | ARMATHE | NE, INC.,                    | (Middle) |   | . Date of Earliest Transaction (Month/Day/Year)<br>5/17/2011 |   |                   |   |       |                        |                       |                     | Offic<br>belov  | er (give title<br>w)  |  | Other (specify below)                               |                                  |                |  |
| ONE PARK PLACE, SUITE 450   |         |                              |          |   | - 4. If  | 4. If Amendment, Date of Original Filed (Month/Day/Year)                    |                   |   |       |                        |                       |                     |   | 6. Individual or Joint/Group Filing (Check Applicable Line)       |  |   |                                  |                |  |
| (Street)  | OLIS M  | D .                          | 21401    |   |  |   |                   |   |       |                        |                       |                     |   | Х   | X Form filed by One Reporting Person  Form filed by More than One Reporting Person |   |                                  |                |  |
| (City)  | (S      | tate)                        | (Zip)    |   |  |   |                   |   |       |                        |                       |                     |   |   |  |   |                                  |                |  |
|   |         | Tab                          | le I - N | lon-Deriv   | ative  | Sec   | uritie            | s Ac  | quire | d, Di                  | sposed o              | f, or E             | Benefic   | ially   | Owne   | ed  |                                  |                |  |
|   |         |                              | Date     |   |  |   |                   | 3.<br>Transaction<br>Code (Instr.<br>8)   |       |                        |                       | Benefici<br>Owned F |   | ities<br>icially<br>d Following                                   | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)                  | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |                                  |                |  |
|   |         |                              |          |   |  |   |                   |   | Code  | v                      | Amount                | (A) or<br>(D)       | Price   |   |  | ted<br>action(s)<br>3 and 4)                        |                                  | (Instr. 4)     |  |
| Common Stock, \$0.0001 par value per share  |         |                              |          | 05/17/2   | 011  | 011   |                   |   | S     |                        | 75,000                | D                   | \$3.71  | \$3.7112(1)   |  | 210,208   | D                                |                |  |
| Common Stock, \$0.0001 par value per share  |         |                              |          | 05/18/2   | 011  |   |                   |   | S     |                        | 50,000                | D                   | \$3.67  | \$3.6788 <sup>(2)</sup>   |  | 160,208   | D                                |                |  |
| Common Stock, \$0.0001 par value per share  |         |                              |          | 05/19/2   | 2011   |   |                   |   | S     |                        | 142,497               | D                   | \$3.68  | \$3.6821 <sup>(3)</sup>   |  | )17,711   | I                                | IRA<br>account |  |
|   |         | Ta                           | able II  |   |  |   |                   |   |       |                        | osed of,<br>convertib |                     |   |   | vned   |   |                                  |                |  |
| Derivative Security (Instr. 3)  Conversion or Exercise Price of Derivative Security  Date (Month/Day/Year)  (Month/Day/Year)  Execution Date, if any (Month/Day/Year) |         | 4.<br>Transa<br>Code (<br>8) |          | 5. Numof Derive Securion Acquired (A) or Disposof (D) (Instrand 5 | ative<br>rities<br>ired<br>osed                              | Expira  | ation D<br>h/Day/ | Year) Securities Underlying Derivative Security (II and 4)  An or Nu Expiration |       | Amount<br>or<br>Number | Deri<br>Secu<br>(Inst |                     | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | Beneficial<br>Ownership<br>(Instr. 4)  |   |                                  |                |  |

## **Explanation of Responses:**

- 1. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$3.67 to \$3.77, inclusive. 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 sold at each separate price within the ranges set forth in footnotes (1), (2) and (3) to this Form 4.
- 2. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$3.64 to \$3.72, inclusive.
- 3. The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$3.61 to \$3.75, inclusive.

/s/ Roland S. Chase, attorney in 05/19/2011 fact

\*\* 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.