FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

## 174.51.11.1g(611, 21.61.200.10

|   | OMB APPROVAL |
|---|--------------|
| I |              |

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## 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

| 1. Name and Address of Reporting Person*  GILL JOHN                      |  |                     |   |                                 | 2. Issuer Name <b>and</b> Ticker or Trading Symbol PHARMATHENE, INC [ PIP ] |  |      |  |                    |   |                                     | elationship o<br>ck all applica<br>Director               | able)  | erson(s) to Issu<br>10% Ow  |  |
|--|--|---------------------|---|---------------------------------|---|--|------|--|--------------------|---|-------------------------------------|---|--|---|--|
| (Last) (First) (Middle) C/O PHARMATHENE, INC., ONE PARK PLACE, SUITE 450 |  |                     |   |                                 | 3. Date of Earliest Transaction (Month/Day/Year) 06/01/2016                 |  |      |  |                    |   |                                     | Officer (give title Other below) below  President and CEO |  |   | pecify   |
| (Street) ANNAP   |  | ID<br>tate)         | 21401<br>(Zip)  | 4.                              | 4. If Amendment, Date of Original Filed (Month/Day/Year)                    |  |      |  |                    |   |                                     | Form fil  | or Joint/Group Filing (Check Applicable orm filed by One Reporting Person orm filed by More than One Reporting erson |   |  |
|  |  | Ta                  | ble I - Non-D   | Derivati                        | ve Se   | ecurities  | s Ac | quired, D  | isposed o          | of, or Be   | neficially                          | Owned   |  |   |  |
| Date   |  |                     |   | Transactio<br>ate<br>Month/Day/ | Year)   | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Yea  |      | r, Transaction Disposed Code (Instr.                           |                    | ities Acquired (A) or<br>d Of (D) (Instr. 3, 4 an   |                                     | 5. Amoun<br>Securities<br>Beneficia<br>Owned Fo           | Form<br>(D) o<br>ollowing (I) (In  | orm: Direct    <br> ) or Indirect    <br> (Instr. 4)   (          | 7. Nature of<br>ndirect<br>Beneficial<br>Ownership                 |
|  |  |                     |   |                                 |   |  |      | Code V   | Amount             | (A) o<br>(D)  | r<br>Price                          | Transacti<br>(Instr. 3 a                                  | on(s)  |   | Instr. 4)  |
|  | 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  | se (Month/Day/Year) | 3A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) | Code (Instr.                    |   | 5. Number of<br>Derivative<br>Securities<br>Acquired (A)<br>or Disposed<br>of (D) (Instr.<br>3, 4 and 5) |      | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |                    | 7. Title and Amount<br>of Securities<br>Underlying<br>Derivative Security<br>(Instr. 3 and 4) |                                     | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)       | 9. Number of<br>derivative<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)         | Ownership<br>Form:<br>Direct (D)<br>or Indirect<br>(I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|  |  |                     |   | Code                            | v   | (A)  | (D)  | Date<br>Exercisable  | Expiration<br>Date | Title   | Amount<br>or<br>Number<br>of Shares |   | (Instr. 4)   | 5)  |  |
| Stock<br>option<br>(right to<br>buy)                                     | \$2.2  | 06/01/2016          |   | A                               |   | 100,000  |      | (1)  | 05/31/2026         | Common<br>Stock   | 100,000                             | \$2.2   | 100,000  | D   |  |

## Explanation of Responses:

1. This award vests over three years, with one third of the options vesting on the first, second and third anniversaries of the date of grant. This award may be subject to acceleration in certain circumstances.

/s/ Jeffrey A. Baumel, attorney in fact 06/03/2016

\*\* 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.