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

| OMB APPRO           | OVAL      |
|---------------------|-----------|
| OMB Number:         | 3235-0287 |
| Estimated average I | ourden    |
| 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).

#### STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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

| (France of T)   | pe Response   | :s)                 |   |   |  |  |   |  |  |   |   |  |  |   |   |
|---|---|---------------------|---|---|--|--|---|--|--|---|---|--|--|---|---|
| 1. Name and Address of Reporting Person —  Myers Byron  (Last) (First) (Middle)  326 BOLLAY DRIVE  (Street)  GOLETA, CA 93117 |   |                     | 2. Issuer Name and Ticker or Trading Symbol Inogen Inc [INGN] |   |  |  |   | 5.   | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner |   |   |  |  |   |   |
|   |   |                     | (Middle)  | 3. Date of Earliest Transaction (Month/Day/Year) 12/24/2014 |  |  |   |  |  |   | X Officer (give title below) Other (specify below)  Vice President, Marketing |  |  |   |   |
|   |   |                     | 4. If Amendment, Date Original Filed(Month/Day/Year)          |   |  |  |   |  |  | 6. Individual or Joint/Group Filing(Check Applicable Line)  X_ Form filed by One Reporting Person Form filed by More than One Reporting Person  nired, Disposed of, or Beneficially Owned |   |  |  |   |   |
| (City) (State) (Zip)  |   |                     | Table I - Non-Derivative Securities Acqu                      |   |  |  |   |  | es Acquire   |   |   |  |  |   |   |
| 1.Title of Security (Instr. 3)  2. Transaction Date (Month/Day/Ye   |   | Date                | 2A. Deemed<br>Execution Date, i<br>) any<br>(Month/Day/Yea    |   | (Instr. 8)   |  | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) |  |  | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)   |   | llowing<br>)                               | Ownership<br>Form:   | Beneficial  |   |
|   |   |                     |   | (Worth/Da   | iy/ i cai )  | Code   | V   | Amount   | (A)<br>or<br>(D)   | Price   | msu. 3 and  | 4)   |  | or Indirect (I) (Instr. 4)  | Ownership<br>(Instr. 4)                         |
| Common  | Stock   |                     | 12/24/2014  |   |  | M  |   | 7,514  | A S  | \$ 0.6  | 40,846  |  |  | D   |   |
| Common  | Stock   |                     | 12/24/2014  |   |  | S(1)   |   | 7,514  |  | \$ 30.0728 3  | 33,332  |  |  | D   |   |
| Reminder:   | Report on a s   | separate line for e | ach class of securition                                       | es beneficia  | ally own   | ed direct  | Pers<br>cont  | ons whained i  | n this fo  | ond to the<br>orm are no<br>rrently val   | ot require  | d to respo                                 | nd unless  |   | 1474 (9-02)                                     |
| Reminder:   | Report on a s   | separate line for e | ach class of securiti   | es beneficia  | ally own   | ed direct  | Pers<br>cont  | ons whained i  | n this fo  | orm are no  | ot require  | d to respo                                 | nd unless  |   | 1474 (9-02)                                     |
| 1. Title of   | 2.<br>Conversion  | 3. Transaction      | Table II -  3A. Deemed Execution Date,                        | Derivative (e.g., puts,  4. Transact Code                   | Securit<br>calls, w<br>5. 1<br>tion of<br>Der<br>Acc<br>(A)  | rivative curities quired or sposed   | Pers<br>cont<br>form<br>ired, Di<br>options,<br>6. Date           | ons what in the constant of the converse of th | n this for yes a cu of, or Be tible sec  | orm are no<br>rrently val   | ot require<br>lid OMB c<br>Owned<br>nd<br>of<br>ng<br>s                       | d to respond<br>control nu                 | nd unless  | f 10. Ownersl Form of Derivati Security Direct (l or Indire         | 11. Naturip of Indire Benefic Owners: (Instr. 4 |
| 1. Title of<br>Derivative<br>Security   | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative | 3. Transaction      | Table II -  3A. Deemed Execution Date, any                    | Derivative (e.g., puts,  4. Transact Code                   | Securit<br>calls, w<br>5.1<br>tion of<br>Dee<br>) Sec<br>Acc<br>(A)<br>Dis<br>of (   | ies Acquarrants, Number rivative curities quired or posed (D) str. 3, 4,     | Pers<br>cont<br>form<br>ired, Di<br>options,<br>6. Date           | ions what in displaced of converting Exercisa on Date  | n this for yes a cu of, or Be tible sec  | eneficially Curities)  7. Title an Amount of Underlyin Securities   | ot require<br>lid OMB c<br>Owned<br>nd<br>of<br>ng<br>s                       | 8. Price of Derivative Security            | 9. Number of Derivative Securities Beneficially Owned Following Reported             | f 10. Ownersl Form of Derivati Security Direct (l or Indire         | 11. Natural of Indires Benefic (Instr. 4        |
| 1. Title of<br>Derivative<br>Security   | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative | 3. Transaction      | Table II -  3A. Deemed Execution Date, any                    | Derivative (e.g., puts,  4. Transact Code                   | Securit calls, w 5. 1 tion of Dee Octoor (A) Disor of (Insert Control of Cont | ies Acquarrants, Number rivative curities quired or posed (D) str. 3, 4, 15) | Pers cont form ired, Di options, 6. Date Expirati (Month/         | ions what ained in displaying the converties on Date Day/Yes   | n this for yes a cu of, or Be tible sec able and ar)                                       | eneficially Curities)  7. Title an Amount of Underlyin Securities   | ot require<br>lid OMB c<br>Owned<br>nd<br>of<br>ng<br>s                       | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction | f 10. Ownersl Form of Derivati Security Direct (l or Indirects) (I) | 11. Natural of Indires Benefic (Instr. 4        |

## Keporung Owners

| D   | Relationships |           |                           |       |  |
|---|---------------|-----------|---------------------------|-------|--|
| Reporting Owner Name / Address                      | Director      | 10% Owner | Officer                   | Other |  |
| Myers Byron<br>326 BOLLAY DRIVE<br>GOLETA, CA 93117 |               |           | Vice President, Marketing |       |  |

# **Signatures**

| /s/ Alison Bauerlein, as Attorney-in-Fact | 12/24/2014 |
|---|------------|
| **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 sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 17, 2014.
- Represents the weighted average share price of an aggregate total of 7,514 shares sold in the price range of \$30.00 to \$30.31 by the reporting person. The reporting person (2) undertakes to provide upon request by the Commission staff, the issuer or a security holder of the issuer, full information regarding the number of shares sold at each separate

Subject to the reporting person's continued service, sixty percent (60%) of the shares subject to the option vested and became exercisable on the vesting commencement date, and thereafter, one thirtieth (1/30th) of the remaining shares subject to the option vested each month on the same day as the vesting commencement date, such that the shares subject to the option became fully vested and exercisable on the thirty (30) month anniversary of the vesting commencement date. The vesting commencement date for this option is February 24, 2010.

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

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.