

| OMB APPROVAL                                 |           |
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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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*<br><u>Barry James J</u><br><br>(Last) (First) (Middle)<br><u>C/O EYEPOINT PHARMACEUTICALS, INC.</u><br><u>480 PLEASANT STREET</u><br><br>(Street)<br><u>WATERTOWN MA 02472</u><br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>EyePoint Pharmaceuticals, Inc. [ EYPT ]</u> | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable)<br><input checked="" type="checkbox"/> Director 10% Owner<br>Officer (give title below) Other (specify below) |  |
|   | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>05/07/2018</u>                         |   |  |
|   | 4. If Amendment, Date of Original Filed (Month/Day/Year)                                      |   |  |
| 6. Individual or Joint/Group Filing (Check Applicable Line)<br><input checked="" type="checkbox"/> Form filed by One Reporting Person<br>Form filed by More than One Reporting Person   |   |   |  |

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

| 1. Title of Security (Instr. 3) | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (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) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|-------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price |   |  |   |
| Common Stock                    | 05/07/2018                           |  | M                              |   | 12,500  | A          | (1)   | 12,500  | D  |   |

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

| 1. Title of Derivative Security (Instr. 3) | 2. Conversion or Exercise Price of Derivative Security | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if any (Month/Day/Year) | 4. Transaction Code (Instr. 8) |   | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) |     | 7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |                  |
|--|--|--------------------------------------|--|--------------------------------|---|--|--|-----|---|--|--|---|--|------------------|
|  |  |                                      |  | Code                           | V |  | (A)  | (D) |   |  |  |   |  | Date Exercisable |
| Deferred Stock Units                       | (1)  | 05/07/2018                           |  | M                              |   | 12,500   | (2)  | (2) | Common Stock  | 12,500                                     | \$0.00   | 0   | D  |                  |

**Explanation of Responses:**

- Each deferred stock unit represents the right to receive one share of the common stock of EyePoint Pharmaceuticals, Inc.
- On December 15, 2017, the reporting person was granted 12,500 deferred stock units, which deferred stock units vested in full in connection with the effectiveness of Mr. Barry's resignation from the Board on May 7, 2018.

**Remarks:**

/s/ John Mercer, Attorney-in-Fact      05/14/2018

\*\* 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.