FORM 4

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

☑ Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.

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

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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

| 1. Name and Address of Reporting Person * | | | | | 2. | 2. Issuer Name and Ticker or Trading Symbol | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | |
|--|---|-------------|------------------------|----------|--------------------------------|---|------------------------------|---|-----------------|------------------------------|--|-------------|---|--|--|---|-------------------|--------------|
| Petersen Floyd F. | | | | | | Amphastar Pharmaceuticals, Inc. [AMPH] | | | | | | | | X_ Director10% Owner | | | | |
| (Last) | (First) | (Mi | ddle) | | 3. | Date | of Ear | liest Tran | sacti | on (MM | DD/YYY | Y) | Of | ficer (giv | ve title below | /)Otl | ner (specify b | pelow) |
| C/O AMPHA PHARMAC 6TH STREE | EUTICA | LS, INC | C., 11 | 570 | | | | 11 | /1/2 | 2023 | | | | | | | | |
| | (Stree | et) | | | 4. | If Am | endm | ent, Date | Orig | inal Fil | ed (MM/I | DD/YYY | Y) 6. Indiv | idual | or Joint/G | roup Filing | (Check Appl | icable Line) |
| RANCHO CUCAMONGA, CA 91730 (City) (State) (Zip) | | | | | | | | | | | | | | X _ Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
| | | | Table | e I - No | n-Dei | rivati | ve Sec | curities A | cqui | red, Di | sposed | of, or B | Beneficially | Owne | ed | | _ | |
| 1. Title of Security (Instr. 3) 2. Trans. Da | | | | | 2A. Dec Executi Date, if | ion | 3. Trans. Code (Instr. 8) | | Disposed of (D) | | | Following l | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | | | 6. 7. Nature Ownership of Indirect Form: Beneficial Direct (D) Ownership or Indirect (Instr. 4) | | |
| | | | | | | | | Code | V | Amount | (A) or (D) | Price | | | | | (I) (Instr. 4) | (msu. 4) |
| Common Stock | | | | 11/1/20 | 023 | | | S ⁽¹⁾ | | 500 | D | \$45.3021 | (2) | | | 81,833 | D | |
| | Tab | le II - Der | ivativ | ve Secu | rities | Bene | ficiall | y Owned | (e.g | ., puts, | calls, w | varrant | s, options, o | conver | tible secu | ırities) | | |
| 1. Title of Derivate Security (Instr. 3) | Conversion or Exercise Price of Derivative Security Conversion Date Execution Date, if any Execution Date, if any | | I. Trans. Instr. 8) | | Acquir Dispos | tive Securities ed (A) or ed of (D) B, 4 and 5) | | Date Exercisable and Expiration Date Expiration Date Expiration Date Date Date | | Securit Deriva (Instr. | e and Amount of ties Underlying tive Security 3 and 4) Amount or Nur Shares | | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | Ownership Form of Derivative Security: Direct (D) or Indirect | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | |

Explanation of Responses:

- (1) The sale reported in this Form 4 was effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on June 13, 2023.
- (2) The price reported in Column 4 is a weighted average price. These shares were sold in multiple transactions at prices ranging from \$45.12 to \$45.58, inclusive. The reporting person undertakes to provide to the Issuer, any security holder of the Issuer, or the staff of the Securities and Exchange Commission, upon request, full information regarding the number of shares sold at each separate price.

Reporting Owners

| P | | | | | | | |
|-------------------------------------|---------------|-----------|---------|-------|--|--|--|
| Reporting Owner Name / Address | Relationships | | | | | | |
| Reporting Owner Name / Address | Director | 10% Owner | Officer | Other | | | |
| Petersen Floyd F. | | | | | | | |
| C/O AMPHASTAR PHARMACEUTICALS, INC. | v | | | | | | |
| 11570 6TH STREET | Λ | | | | | | |
| RANCHO CUCAMONGA, CA 91730 | | | | İ | | | |

Signatures

/s/ Eva Wen, by power of attorney

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 control number.