## FORM 4

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

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| - 1 |                          |           |  |  |  |  |  |  |  |  |  |
|-----|--------------------------|-----------|--|--|--|--|--|--|--|--|--|
|     | OMB APPROVAL             |           |  |  |  |  |  |  |  |  |  |
|     | OMB Number:              | 3235-0287 |  |  |  |  |  |  |  |  |  |
|     | Estimated average burden |           |  |  |  |  |  |  |  |  |  |
|     | hours per response:      | 0.5       |  |  |  |  |  |  |  |  |  |

|  |   |                    |                        |           | or s   | section  | 30(n)  | or the  | investr       | nent C                      | ompany Act  | 01 1940   |   |   |                                 |   |  |  |
|--|---|--------------------|------------------------|-----------|--------|--|--------|---|---------------|-----------------------------|---|---|---|---|---------------------------------|---|--|--|
| Name and Address of Reporting Person*     Emmens Matthew         |   |                    |                        |           |        | 2. Issuer Name and Ticker or Trading Symbol VERTEX PHARMACEUTICALS INC / |        |   |               |                             |   |   |   | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |                                 |   |  |  |
| Emmer  | 15 Matthe   | <u>w</u>           |                        |           | M      | MA [ VRTX ]  |        |   |               |                             |   |   |   | Dire  |                                 |   | Owner  |  |
| (Last)   | (F  | irst) (            | Middle)                |           | -      | <u>⊸</u> L '   |        | 1   |               |                             |   |   |   | X Office below  | er (give title<br>w)            | Other<br>below  | (specify<br>y)   |  |
| C/O VERTEX PHARMACEUTICALS INCORPORATED                          |   |                    |                        |           |        | 3. Date of Earliest Transaction (Month/Day/Year) 05/25/2011              |        |   |               |                             |   |   |   |   | CEO &                           | President   |  |  |
| 130 WAVERLY ST   |   |                    |                        |           | 4. If  | 4. If Amendment, Date of Original Filed (Month/Day/Year)                 |        |   |               |                             |   |   | 6. Individual or Joint/Group Filing (Check Applicable Line) |   |                                 |   |  |  |
| (Street)   |   |                    |                        |           |        |  |        |   |               |                             |   |   |   | X Form filed by One Reporting Person                                    |                                 |   |  |  |
| CAMBRIDGE MA 02139   |   |                    |                        |           |        |  |        |   |               |                             |   |   | Form filed by More than One Reporting<br>Person             |   |                                 |   |  |  |
| (City)   | (S  | tate) (            | Zip)                   |           |        |  |        |   |               |                             |   |   |   |   |                                 |   |  |  |
|  |   | Tabl               | e I - N                | lon-Deriv | /ative | Sec  | uritie | s Ac  | quire         | d, Di                       | sposed o  | f, or E   | Benefici  | ally Own  | ed                              |   |  |  |
| 1. Title of Security (Instr. 3)  2. Transactio Date (Month/Day/N |   |                    |                        |           |        | Execution<br>Year) if any  |        |   |               |                             | 4. Securities Acquired (A) or<br>Disposed Of (D) (Instr. 3, 4 and |   |   | 5) Secu<br>Bene<br>Owne   | 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   |   | rted<br>action(s)<br>. 3 and 4) |   | (Instr. 4)   |  |
| Common Stock 05/25/20  |   |                    |                        |           | 011    | )11  |        | S   |               | 9,735                       | D   | \$55.51   | (1)(2) 2  | 20,400  | D                               |   |  |  |
|  |   | Та                 | ıble II                |           |        |  |        |   |               |                             | osed of,<br>convertib   |   |   |   |                                 |   |  |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)              | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | e (Month/Day/Year) | Execution Date, if any |           |        | Transaction Code (Instr.   |        | 5. Number<br>of<br>Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed<br>of (D)<br>(Instr. 3, 4<br>and 5) |               | e Exer<br>ation D<br>h/Day/ |   | 7. Title and<br>Amount of<br>Securities<br>Underlying<br>Derivative<br>Security (Instr. 3<br>and 4) |   | 8. Price of<br>Derivative<br>Security<br>(Instr. 5)                     |                                 | 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>Exerc | isable                      | Expiration<br>Date  | Title   | Amount<br>or<br>Number<br>of<br>Shares                      |   |                                 |   |  |  |

## **Explanation of Responses:**

- 1. Open market sales reported on this line occurred at a weighted average price of \$55.51 (range \$55.27 to \$55.66).
- 2. Mr. Emmens undertakes to provide (upon request by the SEC staff, the issuer or a security holder of the issuer) full information regarding the number of shares sold at each separate price.

## Remarks:

Kenneth S. Boger, Attorney-In-05/26/2011 **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.