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FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940 OMB APPROVAL
OMB Number: 3235-0287
Estimated average burden
hours per response: 0.5

| 1. Name and Address of Reporting Person* BOGER JOSHUA S | | | 2. Issuer Name and Ticker or Trading Symbol VERTEX PHARMACEUTICALS INC / | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) | | | | |
|--|---------|----------|--|---|-------------------------------------|-----------------------|--|--|
| DOULK JUSHUA 5 | | | MA [VRTX] | X | Director | 10% Owner | | |
| (Last) | (First) | (Middle) | | X | Officer (give title below) | Other (specify below) | | |
| C/O VERTEX PHARMACEUTICALS INCORPORATED | | | 3. Date of Earliest Transaction (Month/Day/Year) 10/07/2003 | Chairman & CEO | | | | |
| 130 WAVERLY STREET | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | |
| | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | |
| (Street) | | | | X | Form filed by One Reportir | ng Person | | |
| CAMBRIDGE | MA | 02139 | | | Form filed by More than O Person | ne Reporting | | |
| (City) | (State) | (Zip) | | | | | | |

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) | | | | | 5. Amount of Securities Beneficially Owned Following Reported | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership |
|---------------------------------|--|---|---|---|--------|---------------|---------|---|---|--|
| | | | Code | v | Amount | (A) or (D) | Price | Transaction(s) (Instr. 3 and 4) | | (Instr. 4) |
| Common Stock | 10/07/2003 | | М | | 20,000 | Α | \$7.88 | 880,977 | D | |
| Common Stock | 10/07/2003 | | S ⁽¹⁾ | | 20,000 | D | \$13.41 | 860,977 | D | |
| Common Stock | | | | | | | | 217,022 | Ι | 9,522 shares 401(k); 207,500 shares in trust ⁽²⁾ |

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. Transa Code (8) | | 5. Number of Expiration Date Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | e | of Securities | | 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 | Expiration Date | Title | Amount or Number of Shares | | | | |
| Stock Option | \$7.88 | 10/07/2003 | | М | | | 20,000 | 03/31/1994 ⁽³⁾ | 11/30/2003 | Common Stock | 20,000 | \$ <mark>0</mark> | 1,683,223 | D | |

Explanation of Responses:

1. Transaction made pursuant to Dr. Boger's company approved trading plan established under Rule 10b5-1.

2. Shares held in trust for Dr. Boger's children. Dr. Boger disclaims beneficial ownership of such shares.

3. Right to buy under 1991 Stock and Option Plan, vesting in 20 equal quarterly installments from 12/01/1993.

Remarks:

Kenneth S. Boger, Attorney-In-

10/08/2003

** Signature of Reporting Person Date

Fact

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.