FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| STATEMENT | OF CHANGES | S IN BENEFICIAL | OWNERSHIP |
|-----------|------------|-----------------|-----------|

| | OMB APPRO | VAL |
|---|-------------------------|-----------|
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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* <u>Aspbury Robert</u> | | | | 2. Issuer Name and Ticker or Trading Symbol Certara, Inc. [CERT] | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner | | | | | | |
|--|------------|---------------------------|--|---|---|---|------------------|----------------------------|---|--|---|---|---|--|------------|--|--|
| (Last) | (RTARA, II | First) | (Middle) | | 3. Date of Earliest Transaction (Month/Day/Year) 04/01/2024 | | | | | | | below) | give title | Other (below) NTIFIC SOFT | ` | | |
| 100 OVERLOOK CENTER, SUITE 101 | | | | | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | 6. Individual or Joint/Group Filing (Check Applicable Line) | | | | | |
| (Street) PRINCETON NJ 08540 | | | | | | | | | | | X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | | | |
| (City) | (| State) | (Zip) | Rule 10b5-1(c) Transaction Indication | | | | | | | to a contra | a contract, instruction or written plan that is intended to satisfy | | | | | |
| | | | | | the | the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10. | | | | | | | | | | | |
| | | | Table I - No | n-Deriv | ative S | ecurities Acq | uired, | Dis | oosed of | , or Ben | eficially | / Owned | | | | | |
| 1. Title of Security (Instr. 3) 2. Transa Date (Month/D | | | | action Day/Year) | 2A. Deemed Execution Date, if any (Month/Day/Year) | 3. Transaction Code (Instr. 8) | | 4. Securitie Disposed (| | | Beneficia Owned F | s ally following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership | | | |
| | | | | | | | Code | v | Amount | (A) or (D) | Price | Reported Transacti (Instr. 3 a | on(s) | | (Instr. 4) | | |
| Common Stock 04/01 | | | | | | | F ⁽¹⁾ | | 2,870(2) | D | \$17.88 | 3 281,4 | 433(3) | D | | | |
| Common Stock 04/01 | | | | | | | M | | 8,646 | A | \$0 ⁽⁴⁾ | 290,0 | 079(3) | D | | | |
| Common Stock 04/01 | | | | | | | F | | 4,064(2) | D | \$17.88 | 286,0 | 015(3) | D | | | |
| Common Stock 04/01 | | | | | | | M | | 7,852 | A | \$0 ⁽⁵⁾ | 293, | 867(3) | D | | | |
| Common Stock 04/01 | | | | | | | F | | 3,691 ⁽²⁾ | D | \$17.88 | 3 290, | 176(3) | D | | | |
| | | | Table II - | | | curities Acqu ls, warrants, | | | | | | Owned | | | | | |
| 1. Title of 2. 3. Transaction 3A. Deemed 4 Execution Date, T | | ransaction ode (Instr. | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 6. Date Exercisable Expiration Date (Month/Day/Year) | | of Securities | | es J Security | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securities Beneficia Owned Following Reported | e Ownerships Form: ally Direct (D) or Indirect g (I) (Instr. 4 | Beneficial Ownership (Instr. 4) | | | | | |

| 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 Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | | 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) | 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 | | (Instr. 4) | | |
| Restricted Stock Units | (4) | 04/01/2024 | | M | | | 8,646 | (4) | 04/01/2025 | Common Stock | 8,646 | \$0 | 8,647 | D | |
| Restricted Stock Units | (5) | 04/01/2024 | | М | | | 7,852 | (5) | 04/01/2026 | Common Stock | 7,852 | \$0 | 15,704 | D | |
| Restricted Stock Units | (6) | 04/01/2024 | | A | | 30,381 | | (6) | 04/01/2027 | Common Stock | 30,381 | \$0 | 30,381 | D | |

Explanation of Responses:

- 1. Each RSU was granted on April 1, 2021, under the Certara, Inc. ("Certara") 2020 Incentive Plan (the "2020 Incentive Plan") and represents the right to receive one share of common stock or the cash equivalent. One-third of the RSUs vested and were settled on April 1, 2022. One-third of the RSUs vested and were settled on April 1, 2024.
- 2. Represents RSUs of Certara withheld to satisfy tax withhelding obligations in connection with the vesting of RSUs described in footnotes, 1, 4, and 5, exempt under Rule 16b-3.
- 3. The total reported in Column 5 includes 7,937 RSUs which was previously reported in Table 1 of Form 4.
- 4. Each RSU was granted on April 1, 2022, under the 2020 Incentive Plan and represents a right to receive one share of common stock or the cash equivalent. One-third of the RSUs vested and were settled on March 31, 2023. One-third of the RSUs vested and were settled on April 1, 2024. The remaining one-third of the RSUs are scheduled to vest and settle on April 1, 2025.
- 5. Each RSU was granted on April 1, 2023, under the 2020 Incentive Plan and represents a right to receive one share of common stock or the cash equivalent. One-third of the RSUs vested and were settled on April 1, 2024. The remaining two-thirds of the RSUs are scheduled to vest and settle in equal parts on April 1, 2025 and April 1, 2026.
- 6. Each RSU was granted on April 1, 2024, under the 2020 Incentive Plan and represents a right to receive one share of common stock or the cash equivalent. The RSUs will vest and settle in three equal installments on April 1, 2025, April 1, 2026 and April 1, 2027.

/s/ Richard M. Traynor, as Attorney-In-Fact for Robert P. 04/03/2024 **Aspbury**

** 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.