FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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

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

| 1. Name and Address of Reporting Person* FENTON DENNIS M (Last) (First) (Middle) C/O ANAPTYSBIO, INC. 10421 PACIFIC CENTER COURT, SUITE 200 (Street) SAN DIEGO CA 92121 | | | | | 2. Issuer Name and Ticker or Trading Symbol ANAPTYSBIO INC [ANAB] 3. Date of Earliest Transaction (Month/Day/Year) 03/05/2018 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) X Director 10% Owner Officer (give title Other (specify below) 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | | |
|---|--|--|--|------------------|--|--------------|-----|---|-----------------------|--------|-----------------|--|---|--|---------------|--|---|
| (City) (State) (Zip) | | | | | | | | | | | | | | | | | |
| Table I - Non-Deriva 1. Title of Security (Instr. 3) 2. Transac Date (Month/Date) | | | | | ction 2A. Deemed Execution Date, | | | 3. Transact Code (In | 4. Se Dispostr. 5) | tr. 5) | | | 5. Amount of 6. Securities For Beneficially (D | | Form (D) o | n: Direct r Indirect str. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4) |
| | 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 Dat if any (Month/Day/Yo | 4. Transactio | | 5. Number of | | 6. Date Exer Expiration D (Month/Day/ | cisable and | | | I Security | 8. Price of Derivative Security (Instr. 5) | 9. Number derivative Securities Beneficiall Owned Following Reported Transactio (Instr. 4) | у | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) |
| | | | | Cod | e V | (A) | (D) | Date Exercisable | Expiration Date | on | Title | Amount or Number of Shares | | | | | |
| Director Stock Option (right to buy) | \$118.97 | 03/05/2018 | | A | | 6,000 | | (1) | 03/04/20 |)28 | Common Stock | 6,000 | \$0.00 | 6,000 | | D | |
| Director Stock Option (right to buy) | \$118.97 | 03/05/2018 | | A | | 5,507 | | (2) | 03/04/20 |)28 | Common Stock | 5,507 | \$0.00 | 5,507 | | D | |

Explanation of Responses:

- 1. The stock option vests and becomes exercisable in 36 equal monthly installments beginning on April 5, 2018, until such time as the option is 100% vested, subject to the continuing service of the Reporting Person on each vesting date.
- 2. The stock option vests and becomes exercisable in 11 equal monthly installments beginning on April 2, 2018, until such time as the option is 100% vested, subject to the continuing service of the Reporting Person on each vesting date.

Remarks:

/s/ Dennis A. Fenton by

03/06/2018 Dominic Piscitelli, Attorney-

in-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.