FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF **SECURITIES**

| OMB APPROVAL | | | | | | | |
|--------------------------|-----|--|--|--|--|--|--|
| OMB Number: 3235-01 | | | | | | | |
| Estimated average burden | | | | | | | |
| hours per response: | 0.5 | | | | | | |

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>Arnold Lee D</u> | | | 2. Date of Eve Requiring Sta (Month/Day/Y 07/11/2014 | atement /ear) | 3. Issuer Name and Ticker or Trading Symbol ASSEMBLY BIOSCIENCES, INC. [VTUS] | | | | | | | |
|--|------------------------|--|---|---|---|---|---|---|--|--|--|--|
| (Last) 99 HUDSON | (First) STREET, 5TH | (Middle) FLOOR | 07/11/2014 | | 4. Relationship of Reporting Po (Check all applicable) Director | | rson(s) to Issuer 10% Owner Other (spec | (Mor | 5. If Amendment, Date of Original Filed (Month/Day/Year) 07/14/2014 | | | |
| (Street) NEW YORK (City) | NY (State) | 10013 (Zip) | | | Chief Scientific | | below) | Appl | 6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person | | | |
| Table I - Non-Derivative Securities Beneficially Owned | | | | | | | | | | | | |
| 1. Title of Security (Instr. 4) | | | | | t of Securities ly Owned (Instr. 4) | 3. Ownershi Form: Direct or Indirect (I (Instr. 5) | (D) (Instr | 4. Nature of Indirect Beneficial Ownership (Instr. 5) | | | | |
| Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities) | | | | | | | | | | | | |
| 1. Title of Derivative Security (Instr. 4) | | 2. Date Exercisable and Expiration Date (Month/Day/Year) | | 3. Title and Amount of Securities Underlying Derivative Security (Inst | | | 4. Conversion or Exercise | 5. Ownership Form: | 6. Nature of Indirect Beneficial Ownership (Instr. 5) | | | |
| | | | Date Exercisable | Expiration Date | Title | | Amount or Number of Shares | Price of Derivative Security | Direct (D) or Indirect (I) (Instr. 5) | | | |
| Stock Option (right to buy) | | (2) | 05/15/2024 | | on Stock, \$0.001 value per share | 155,420(1)(3) | 2.22(1) | D | | | | |

Explanation of Responses:

- $1. \ Adjusted to \ reflect the \ 1-for -5 \ reverse \ stock \ split \ that \ occurred \ on \ July \ 11, \ 2014.$
- 2. These options vest 1/36 on a monthly basis beginning on May 15, 2014.
- 3. These options were assumed by the Company in connection with the reporting person becoming an executive officer of the Company.

This amendment is filed to report the correct number of option shares.

/s/ Alexander M. Donaldson, 04/15/2015 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 5 (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.