FORM 4

obligations may continue. See Instruction 1(b).

Check this box if no longer subject to Section 16. Form 4 or Form 5

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

| Washington, | D.C. | 20549 |
|-------------|------|-------|
|             |      |       |

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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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 <sup>*</sup>                             |   |   |                                 |            | 2. Issuer Name and Ticker or Trading Symbol |   |  |   |                         |  |                    |                                      |   | 5. Relationship of Reporting Person(s) to Issuer (Check all applicable) |   |  |   |                            |            |  |  |
|--|---|---|---------------------------------|------------|---|---|--|---|-------------------------|--|--------------------|--------------------------------------|---|---|---|--|---|----------------------------|------------|--|--|
| Murphy-Chutorian Douglas   |   |   |                                 |            | 30  | Semler Scientific, Inc. [ SMLR ]                            |  |   |                         |  |                    |                                      |   | ) X   |   | ,  | <b>X</b> 1  | 0% Ov                      | ner        |  |  |
| (Last)   | (Fi   | rst) (  | (Middle)                        |            | 3. [  | 3 Date of Earliget Transaction (Month/Dov/Voor)             |  |   |                         |  |                    |                                      |   |   | Officer below)  | (give title                              |   | ther (s<br>elow)           | pecify     |  |  |
| C/O SEMLER SCIENTIFIC, INC.  |   |   |                                 |            |   |   | 3. Date of Earliest Transaction (Month/Day/Year) 02/22/2021                                      |   |                         |  |                    |                                      |   |   | Chief Executive Officer                                     |  |   |                            |            |  |  |
| 2340-234   | 8 WALSH   |   |                                 |            |   |   |  |   |                         | $oxed{igspace}$  |                    |                                      |   |   |   |  |   |                            |            |  |  |
| (Street)   |   |   |                                 |            |   |   | 4. If Amendment, Date of Original Filed (Month/Day/Year)   |   |                         |  |                    |                                      |   |   | 6. Individual or Joint/Group Filing (Check Applicable Line) |  |   |                            |            |  |  |
| l ` ′  | CLARA CA  |   |                                 |            |   |   |  |   |                         |  |                    | X Form filed by One Reporting Person |   |   |   |  |   |                            |            |  |  |
|  |   |   | · <b>-</b>                      |            | -   |   |  |   |                         |  |                    |                                      |   |   | Form filed by More than One Reporting<br>Person             |  |   |                            |            |  |  |
| (City)   | (St   |   | (Zip)                           |            |   |   |  |   |                         |  |                    |                                      |   |   |   |  |   |                            |            |  |  |
| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned |   |   |                                 |            |   |   |  |   |                         |  |                    |                                      |   |   |   |  |   |                            |            |  |  |
| 1. Title of Security (Instr. 3)  |   |   | 2. Transaction Date (Month/Day/ |            | ar) E                                       | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |  | 3.<br>Transaction<br>Code (Instr.<br>8) |                         | 4. Securities Acquired (A)<br>Disposed Of (D) (Instr. 3, 4<br>5) |                    |                                      |   | es<br>ally<br>Following   | 6. Owners<br>Form: Dire<br>(D) or Indi<br>(I) (Instr. 4     | rect   0                                 | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership |                            |            |  |  |
|  |   |   |                                 |            |   |   |  | Code                                    | v                       | Amount   | (A)<br>(D)         | or F                                 | Price   | Reported<br>Transaction(s)<br>(Instr. 3 and 4)                          |   |  |   | Instr. 4)                  |            |  |  |
| Common   | Stock   |   | 02/22                           |            |   | /2021   |  |   | M                       | М  |                    | 250 A                                |   | \$0.52  | 1,  | 250                                      | D   |                            |            |  |  |
| Common   | Stock   | ck 02/2   |                                 | 02/22      | 2/2021                                      |   |  |   | S <sup>(1)</sup>        |  | 100                | ) D                                  |   | \$105   | 05 1,150  |  | 50 D  |                            |            |  |  |
| Common   | Stock   | 02/22   |                                 |            | 2/2021                                      | 1   |  |   | <b>S</b> <sup>(1)</sup> |  | 100                | 100 D                                |   | \$106   | 5 1,050   |  | D   |                            |            |  |  |
| Common Stock 02/22   |   |   | /2021                           |            |   |   | S <sup>(1)</sup>   |   | 100                     |  | ) :                | \$106.5                              | 5 9   | 50  | D   |  |   |                            |            |  |  |
| Common   | Common Stock 02/2   |   |                                 | 02/22      | 2/2021                                      |   |  |   | S <sup>(1)</sup>        |  | 100                | 1                                    | ) ;   | \$106.9   | 8   | 50                                       | D   |                            |            |  |  |
| Common Stock   |   |   | 02/22                           | 2/22/2021  |   |   |  | <b>S</b> <sup>(1)</sup>                 |                         | 100  | 1                  | ) :                                  | \$107.5   | 750   |   | D  |   |                            |            |  |  |
| Common   | Common Stock 0  |   |                                 | 02/22      | 22/2021                                     |   |  |   | S <sup>(1)</sup>        |  | 250                | 1                                    | )   | \$109   | 5   | 00                                       | D   |                            |            |  |  |
| Common   | Common Stock 02.  |   |                                 | 02/22      | 22/2021                                     |   |  |   | <b>S</b> <sup>(1)</sup> | S <sup>(1)</sup>   |                    | 200 D                                |   | \$109.1   | 3   | 00                                       | D   |                            |            |  |  |
| Common Stock   |   |   | 02/22                           | 02/22/2021 |   |   |  | <b>S</b> <sup>(1)</sup>                 |                         | 200  | 1                  | )                                    | \$110   | 1   | 100   |  |   |                            |            |  |  |
| Common Stock   |   |   | 02/22                           | 2/22/2021  |   |   |  | S <sup>(1)</sup>                        |                         | 100  | 1                  | )                                    | \$111.1   |   | 0   |  | D   |                            |            |  |  |
| Common Stock   |   |   |                                 |            |   |   |  |   |                         |  |                    |                                      |   | 53,571  |   | I  |   | By<br>Γrust <sup>(2)</sup> |            |  |  |
|  |   | Т   | able II -                       |            |   |   |  |   |                         |  | osed of            |                                      |   |   | Owned   | ,  |   |                            |            |  |  |
|  | 2.  | 3. Transaction  | 3A. Deeme                       | ed         | 4.  |   | 5. N   | umber                                   | 6. Date E               | ercis  | able and           | 7. Title                             | and   |   | 8. Price of   | 9. Number                                |   |                            | 11. Nature |  |  |
| Derivative<br>Security<br>(Instr. 3)   | Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | Exercise (Month/Day/Year) if any (Code (Instr. 8) Securit (Month/Day/Year)   Securit (Acquir Acquir |                                 |            |   | urities<br>uired<br>or<br>oosed<br>O)<br>tr. 3, 4           | Expiration Date (Month/Day/Year) Amount of Securities Underlying Derivative Sec (Instr. 3 and 4) |   |                         |  | urity              | Derivative<br>Security<br>(Instr. 5) | derivative<br>Securities<br>Beneficiall<br>Owned<br>Following<br>Reported<br>Transactio<br>(Instr. 4) | Form: Direct (D or Indire (I) (Instr.                                   |   | Beneficial<br>Ownership<br>ct (Instr. 4) |   |                            |            |  |  |
|  |   |   |                                 |            | Code  | v   | (A)  | (D)                                     | Date<br>Exercisal       |  | Expiration<br>Date | Title                                | or<br>Nu<br>of  | mber<br>ares  |   |  |   |                            |            |  |  |
| Common<br>Stock<br>Option<br>(Right to<br>Buy)                                   | \$0.52  | 02/22/2021  |                                 |            | М   |   |  | 1,250                                   | (3)                     | 1  | 1/21/2022          | Common Stock 1,                      |   | 250   | \$0.00  | 13,750                                   |   | D                          |            |  |  |

## **Explanation of Responses:**

- 1. Shares sold pursuant to a 10b5-1 trading plan.
- 2. Shares are held by the Murphy-Chutorian Family Trust U/D/T dated January 13, 1997, of which the Reporting Person is co-Trustee with his spouse.
- 3. Fully vested and exercisable.

/s/ Dan Conger, attorney-in-

02/23/2021

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.

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