

SENESCO TECHNOLOGIES INC  
 Form 4  
 May 20, 2014

**FORM 4**

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549**

OMB APPROVAL

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**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**SMIDER VAUGHN**

2. Issuer Name and Ticker or Trading Symbol  
**SENESCO TECHNOLOGIES INC [SNTI]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
**11099 NORTH TORREY PINES ROAD, SUITE 230**  
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)  
**05/16/2014**

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
**Chief Scientific Officer**

**LA JOLLA, CA US 92037**

(City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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) | 4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Indirect Beneficial Ownership (Instr. 4)                    |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
| Common Stock                    | 05/16/2014                           |  | A                              | V<br>Amount<br><u>1,027,574</u> <sup>(1)</sup>                    | (A)<br>or<br>(D)<br>Price<br>\$ 0 1,058,970   | D  | Such shares are held by Smider Biomed which is controlled by Dr. Smider. |
| Common Stock                    | 05/16/2014                           |  | A                              | V<br>Amount<br><u>31,396</u> <sup>(1)</sup>                       | (A)<br>or<br>(D)<br>Price<br>\$ 0 1,058,970   | I  | Such shares are held by Smider Biomed which is controlled by Dr. Smider. |

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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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(9-02)

**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. Transaction Code (Instr. 8) | 5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | 6. Date Exercisable and Expiration Date (Month/Day/Year) |     | 7. Title and Amount of Underlying Securities (Instr. 3 and 4) |                 |              |                      |
|--|--|--------------------------------------|--|--------------------------------|---|--|-----|---|-----------------|--------------|----------------------|
|  |  |                                      |  | Code                           | V   | (A)  | (D) | Date Exercisable  | Expiration Date | Title        | Amount Number Shares |
| Warrants                                   | \$ 3   | 05/16/2014                           |  | A                              |   | 242,563<br>(1)   |     | 05/16/2014  | 06/16/2014      | Common Stock | 242,563              |
| Warrants                                   | \$ 4   | 05/16/2014                           |  | A                              |   | 7,936 (1)  |     | 05/16/2014  | 06/16/2014      | Common Stock | 7,936                |
| Warrants                                   | \$ 4   | 05/16/2014                           |  | A                              |   | 267,862<br>(1)   |     | 05/16/2014  | 12/16/2016      | Common Stock | 267,862              |
| Warrants                                   | \$ 2   | 05/16/2014                           |  | A                              |   | 739 (1)  |     | 05/16/2014  | 09/30/2016      | Common Stock | 739                  |
| Warrants                                   | \$ 2   | 05/16/2014                           |  | A                              |   | 13,394<br>(1)  |     | 05/16/2014  | 05/16/2019      | Common Stock | 13,394               |
| Warrants                                   | \$ 3   | 05/16/2014                           |  | A                              |   | 7,411 (1)  |     | 05/16/2014  | 06/16/2014      | Common Stock | 7,411                |
| Warrants                                   | \$ 4   | 05/16/2014                           |  | A                              |   | 244 (1)  |     | 05/16/2014  | 06/16/2014      | Common Stock | 244                  |

|          |      |            |  |   |                      |            |            |              |       |
|----------|------|------------|--|---|----------------------|------------|------------|--------------|-------|
| Warrants | \$ 4 | 05/16/2014 |  | A | 8,185 <sup>(1)</sup> | 05/16/2014 | 12/16/2016 | Common Stock | 8,185 |
| Warrants | \$ 2 | 05/16/2014 |  | A | 23 <sup>(1)</sup>    | 05/16/2014 | 09/30/2016 | Common Stock | 23    |
| Warrants | \$ 2 | 05/16/2014 |  | A | 410 <sup>(1)</sup>   | 05/16/2014 | 05/16/2019 | Common Stock | 410   |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |                          |       |
|--|---------------|-----------|--------------------------|-------|
|  | Director      | 10% Owner | Officer                  | Other |
| SMIDER VAUGHN<br>11099 NORTH TORREY PINES ROAD<br>SUITE 230<br>LA JOLLA, CA US 92037 | X             |           | Chief Scientific Officer |       |

## Signatures

Vaughn Smider 05/20/2014

\*\*Signature of  
Reporting Person

Date

## Explanation of Responses:

\* 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).

(1) Such securities were acquired in connection with the Company's acquisition of Fabrus, Inc. on May 16, 2014.

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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