

SENESCO TECHNOLOGIES INC
 Form 4
 June 16, 2014

FORM 4

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

OMB APPROVAL

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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).

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

3. Date of Earliest Transaction (Month/Day/Year)
 06/13/2014

Director 10% Owner
 Officer (give title below) Other (specify below)
 See Remarks

(Street)
 LA JOLLA, CA 92037

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

(City) (State) (Zip)

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 Reported Transaction(s) (Instr. 3 and 4) | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 7. Nature of Ownership (Instr. 4) | | |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|-----|-------|
| | | | | (A) or (D) | Code | V | Amount | (D) | Price |

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

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 control number.

SEC 1474 (9-02)

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

| 1. Title of Derivative | 2. Conversion | 3. Transaction Date (Month/Day/Year) | 3A. Deemed Execution Date, if | 4. Transaction | 5. Number of Derivative Securities | 6. Date Exercisable and Expiration Date | 7. Title and Amount of Underlying Security |
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|------------------------------------|---|--|
|------------------------|---------------|--------------------------------------|-------------------------------|----------------|------------------------------------|---|--|

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| Security (Instr. 3) | or Exercise Price of Derivative Security | any (Month/Day/Year) | Code (Instr. 8) | Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) | | (Month/Day/Year) | | (Instr. 3 and 4) | |
|---------------------|--|----------------------|------------------|--|---------|------------------|------------------|------------------|--------------|
| | | | | Code V | (A) | (D) | Date Exercisable | Expiration Date | Title |
| Series FA Warrants | \$ 3 | 06/13/2014 | D ⁽¹⁾ | | 242,563 | | 05/16/2014 | 06/16/2014 | Common Stock |
| Series FA Warrants | \$ 3 | 06/13/2014 | D ⁽¹⁾ | | 7,411 | | 05/16/2014 | 06/16/2014 | Common Stock |
| Series FA Warrants | \$ 3 | 06/13/2014 | A ⁽¹⁾ | 242,563 | | | 06/13/2014 | 12/16/2014 | Common Stock |
| Series FA Warrants | \$ 3 | 06/13/2014 | A ⁽¹⁾ | 7,411 | | | 06/13/2014 | 12/16/2014 | Common Stock |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|---|---------------|-----------|-------------|-------|
| | Director | 10% Owner | Officer | Other |
| SMIDER VAUGHN 11099 NORTH TORREY PINES ROAD SUITE 230 LA JOLLA, CA 92037 | X | | See Remarks | |

Signatures

/s/ Vaughn
Smider

06/16/2014

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) The reported transactions involved an amendment of outstanding warrants, resulting in the deemed cancellation of the "old" warrants and the issuance of replacement warrants.
- (2) Such warrants were issued to Smider Biomed, which is controlled by Dr. Smider.

Remarks:

Chief Scientific Officer and Acting Chief Executive Officer

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.