

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 Amount <u>1,027,574</u> <sup>(1)</sup>	(A) or (D) Price \$ 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 Amount <u>31,396</u> <sup>(1)</sup>	(A) or (D) Price \$ 0 1,058,970	I	

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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 (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 (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 (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 11099 NORTH TORREY PINES ROAD SUITE 230 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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