Waksal Harlan Form 4 February 20, 2013

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF subject to Section 16.

Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section

may continue. See Instruction 1(b).

SECURITIES

30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * Waksal Harlan

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

SENESCO TECHNOLOGIES INC

(Check all applicable)

[SNTI]

(Middle)

(Last) (First) 3. Date of Earliest Transaction

4. If Amendment, Date Original

(Month/Day/Year)

X_ Director Officer (give title below)

10% Owner Other (specify

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

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721 ROUTE 202/206, SUITE 130

02/19/2013

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

Person

BRIDGEWATER, NJ US 08807

(City) (State) (Zip)

(Street)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

3. Code (Instr. 8) (Month/Day/Year)

4. Securities TransactionAcquired (A) or Disposed of (D) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned

Following

Reported

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (I)

(Instr. 4) (Instr. 4)

(A) or

Transaction(s) (Instr. 3 and 4) Code V Amount (D) Price

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

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed

(Month/Day/Year) Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Month/Day/Year) (Instr. 8) Acquired (A) or

Derivative Disposed of (D) Security (Instr. 3, 4, and 5) Code V (A) Expiration Title (D) Date Amount Exercisable Date Number Shares Common 145,834 Common 02/19/2013 02/19/2023 Stock \$ 0.132 02/19/2013 Α 145,83 (1) Stock Option

Reporting Owners

Price of

Reporting Owner Name / Address

Director 10% Owner Officer Other

Waksal Harlan
721 ROUTE 202/206
SUITE 130
BRIDGEWATER, NJ US 08807

Signatures

(Instr. 3)

Harlan W.
Waksal

**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 options were granted to Dr. Waksal in lieu of cash compensation under the Company's independent director compensation plan.

 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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