Waksal Harlan Form 4 February 24, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

30(h) of the Investment Company Act of 1940

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

OMB APPROVAL

response...

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

obligations

Check this box

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

may continue. See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Waksal Harlan

2. Issuer Name and Ticker or Trading

Issuer

Symbol

SENESCO TECHNOLOGIES INC

(Check all applicable)

5. Relationship of Reporting Person(s) to

[SNT]

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

X_ Director Officer (give title below)

10% Owner Other (specify

721 ROUTE 202/206, SUITE 130

(Middle)

02/16/2012

(Month/Day/Year)

4. If Amendment, Date Original

Filed(Month/Day/Year)

(Instr. 8)

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

(Instr. 4)

Person

BRIDGEWATER, NJ 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

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned

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

(A) or

(Instr. 3, 4 and 5)

Code V Amount (D) Price

Following Reported Transaction(s)

(Instr. 3 and 4)

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)

(Instr. 4)

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

1. Title of Derivative Security

Conversion 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)

Edgar Filing: Waksal Harlan - Form 4

(Instr. 3) Price of (Month/Day/Year) (Instr. 8) Acquired (A) Derivative or Disposed of Security (D) (Instr. 3, 4, and 5) Code V (A) (D) Date Expiration Title Amount Exercisable Date or Number of Shares Common 45,834 Common Stock \$ 0.24 02/16/2012 02/23/2012 02/16/2012 02/16/2022 45,834 (1) Stock Option

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Waksal Harlan

721 ROUTE 202/206

SUITE 130

BRIDGEWATER, NJ 08807

Signatures

Harlan W. 02/24/2012 Waksal

**Signature of Date
Reporting Person

Explanation of Responses:

* If the form is filed by more than one reporting person, see Instruction 4(b)(v).

X

- ** 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 issued to Dr. Waksal in lieu of cash compensation under the Company's independent director compensation plan, with such options vesting on the date of grant.

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.

Reporting Owners 2