

Waksal Harlan  
Form 4  
May 27, 2010

**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 \*  
Waksal Harlan

2. Issuer Name and Ticker or Trading Symbol  
SENECO TECHNOLOGIES INC  
[SNT]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)  
303 GEORGE STREET, SUITE 420  
(Street)

3. Date of Earliest Transaction  
(Month/Day/Year)  
05/25/2010

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

NEW BRUNSWICK, NJ 08901

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 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)
			Code	V	Amount or Price		
Common Stock	05/25/2010		A		28,135 (1) \$ 0.3673	178,914	D
Common Stock	05/25/2010		A		12,078 (2) \$ 0.5135	190,992	D
Common Stock	05/25/2010		C		631,176 (3) \$ 0.83	822,168	D

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

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SEC 1474  
(9-02)

number.

**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 Security (Instr. 3 and 4)		
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount
Convertible Debenture Due 12/31/2010	\$ 0.83	05/25/2010		M	\$ 523,876	02/19/2010	12/31/2010	Common Stock	631

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Waksal Harlan 303 GEORGE STREET SUITE 420 NEW BRUNSWICK, NJ 08901	X			

## Signatures

Harlan W.  
Waksal

05/27/2010

\*\*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 shares of common stock were issued in lieu of paying cash for interest for the period from 1/1/10 through 3/31/10 on the Company's 8% convertible notes held by Mr. Waksal.
  - (2) Such shares of common stock were issued in lieu of paying cash for interest for the period from 4/1/10 through 5/24/10 on the Company's 8% convertible notes held by Mr. Waksal.
  - (3) Such shares of common stock were issued in connection with the conversion of \$523,876 of the Company's 8% convertible notes, at a conversion rate of \$0.83, held by Mr. Waksal.

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.