FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

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OMB APPROVAL	
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OMB Number: 3235-0287
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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

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

										<u> </u>								
Name and Address of Reporting Person* Walker J. Hawley						2. Issuer Name and Ticker or Trading Symbol SENESCO TECHNOLOGIES INC [SNT]							5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
Waksal Harlan					SETTE CO TECHNOLOGIES INC								Director			10% Ow	ner	
					,									(give title		Other (s	pecify	
(Last) (First) (Middle)				Date of Earliest Transaction (Month/Day/Year)								below)			below)			
303 GEORGE STREET					05/20/2010													
SUITE 4	20			L														
					4. If Amendment, Date of Original Filed (Month/Day/Year)								6. Individual or Joint/Group Filing (Check Applicable					
(Street)												Line	·		_			
NEW	N	П	08901									2		,		rting Person		
BRUNS	WICK '	1J 00901											Form fil Person		re than	One Report	ing	
(City)	(9	State)	(Zip)															
							_	· .				<i>c</i> · · · · ·						
		ia	ble I - Non	-Deriva	ive S	ecurities	ACC	quirea,	DIS	posea or	, or Ber	етісіану	/ Owned					
				2. Transac	action					d (A) or	5. Amoun				7. Nature of Indirect Beneficial			
			(Month/Day/Year)		if any		Code (Instr. 5)		71 (D) (1113ti. 3, 4 and		Beneficially		(D) or Indirect E					
					(Month/Day	//Year)) 8)		ļ			Owned For Reported		(I) (In:		Ownership (Instr. 4)		
								Code	v	Amount	(A) or (D)	Price	Transacti (Instr. 3 a					
						ive Securities Acquired, Disposed of, or Benefic							, ,					
													Owned					
			(e.g., pu	s, ca	lls, warra	ınts,	option	ıs, c	onvertib	ie secui	ities)					1	
1. Title of Derivative	2. Conversion	3. Transaction Date	3A. Deemed Execution Da	4.	saction	. Securities		6. Date Exercisable and Expiration Date (Month/Day/Year) 7. Title and An of Securities Underlying				8. Price of Derivative	9. Number of derivative		10. Ownership	11. Nature of Indirect		
Security	or Exercise	e (Month/Day/Year)	if any	Code	e (Instr.						g	Security	Securities	s	Form:	Beneficial		
(Instr. 3)	Price of Derivative		(Month/Day/Y	ear) 8)	ear) 8)		Acquired (A) or Disposed		Derivative Sec (Instr. 3 and 4)				(Instr. 5)	Beneficially Owned Following Reported		Direct (D) or Indirect (I) (Instr. 4)	Ownership (Instr. 4)	
	Security					of (D) (Instr. 3, 4 and 5)		[
				\vdash	1	1			\neg			Amount		Transact (Instr. 4)				
												or		(111501. 4)				
								Date		Expiration		Number of						
				Code	e V	(A)	(D)	Exercisa	ble	Date	Title	Shares						
Common	#0.C1	05/20/2010				22.054(1)		05/20/20	10	05/20/2020	Common	22,951		262.0				
Stock Option	\$0.61	05/20/2010		A		22,951 ⁽¹⁾		05/20/20	110	05/20/2020	Stock	22,331	\$0	263,9	20	D		

Explanation of Responses:

1. Such options were issued to Mr. Waksal in lieu of cash compensation under the Company's independent director compensation plan for the quarter ended March 31, 2010.

Harlan W. Waksal

05/24/2010

** Signature of Reporting Person Date

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

- * 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).

 $Note: File \ three\ copies\ of\ this\ Form,\ one\ of\ which\ must\ be\ manually\ signed.\ If\ space\ is\ insufficient,\ see\ Instruction\ 6\ for\ procedure.$

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