

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

SCHEDULE 13G

**Under the Securities Exchange Act of 1934
(Amendment No.)***

SENESCO TECHNOLOGIES, INC.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

817208408

(CUSIP Number)

July 9, 2009

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

☐ Rule 13d-1(b)

☒ Rule 13d-1(c)

☐ Rule 13d-1(d)

The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 (the "Act") or otherwise subject to the liabilities of that section of the Act, but shall be subject to all other provisions of the Act (however, see the Notes.)

1. NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Partlet Holdings Ltd.

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
(a) ☐
(b) ☒

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

Israel

5. SOLE VOTING POWER

NUMBER OF
SHARES
BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON
WITH

6. SHARED VOTING POWER

2,005,555

7. SOLE DISPOSITIVE POWER

8. SHARED DISPOSITIVE POWER

2,005,555

9. AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON

2,005,555

10. CHECK IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ☐

11. PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)

9.32%*

12. TYPE OF REPORTING PERSON

HC

* Percentage ownership is calculated based on (i) 19,511,199 shares outstanding, as reported in the Issuer's Quarterly Report on Form 10-Q filed with the SEC on May 1, 2009, (ii) 1,055,555 shares issued by the Issuer pursuant to a Securities Purchase Agreement as reported in the Issuer's Current Report on Form 8-K filed with the SEC on July 9, 2009 and (iii) 950,000 shares to be issued under currently exercisable warrants to purchase the Issuer's Common Stock as reported in the Issuer's Current Report on Form 8-K filed with the SEC on July 9, 2009.

1. NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Robert Michael Blackie

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
(a) ☐
(b) ☒

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

British

5. SOLE VOTING POWER

NUMBER OF
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BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON
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6. SHARED VOTING POWER

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9.32%*

12. TYPE OF REPORTING PERSON

IN

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1. NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Julie Coward

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
(a) ☐
(b) ☒

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

British

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BENEFICIALLY
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EACH
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PERSON
WITH

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8. SHARED DISPOSITIVE POWER

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1. NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Letitia Cummins

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
(a) ☐
(b) ☒

3. SEC USE ONLY

4. CITIZENSHIP OR PLACE OF ORGANIZATION

British

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BENEFICIALLY
OWNED BY
EACH
REPORTING
PERSON
WITH

6. SHARED VOTING POWER

2,005,555

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8. SHARED DISPOSITIVE POWER

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1. NAMES OF REPORTING PERSONS
I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS (ENTITIES ONLY)

Frank Gee

2. CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP
(a) ☐
(b) ☒

3. SEC USE ONLY

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BENEFICIALLY
OWNED BY
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REPORTING
PERSON
WITH

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8. SHARED DISPOSITIVE POWER

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IN

* Percentage ownership is calculated based on (i) 19,511,199 shares outstanding, as reported in the Issuer's Quarterly Report on Form 10-Q filed with the SEC on May 1, 2009, (ii) 1,055,555 shares issued by the Issuer pursuant to a Securities Purchase Agreement as reported in the Issuer's Current Report on Form 8-K filed with the SEC on July 9, 2009 and (iii) 950,000 shares to be issued under currently exercisable warrants to purchase the Issuer's Common Stock as reported in the Issuer's Current Report on Form 8-K filed with the SEC on July 9, 2009.

- Item 1.** (a) **Name of Issuer**
Senesco Technologies, Inc. (the “Issuer”)
- (b) **Address of Issuer’s Principal Executive Offices**
303 George Street, Suite 420, New Brunswick, New Jersey 08901
- Item 2.** (a) **Name of Person Filing**
This Schedule 13G is jointly filed by Partlet Holdings Ltd. (“Partlet Holdings”), and Robert Michael Blackie, Julie Coward, Letitia Cummins and Frank Gee (collectively, the “Directors” and together with Partlet Holdings, the “Reporting Persons”). Each of the Directors are members of the Board of Directors of Partlet Holdings.
- (b) **Address of Principal Business Office or, if None, Residence**
The principal business address of Partlet Holdings is Jabotinsky 7, Moshe Aviv Tower, POB 138, Ramat Gan, 52520, Israel. Each of Partlet Holdings and the Directors has an administrative office at: First Floor, International House, 41 The Parade, St. Helier, Jersey JE2 3QQ, British Isles.
- (c) **Citizenship**
Parlet Holdings Ltd is a limited liability company organized under the laws of Israel. The Directors are each British citizens.
- (d) **Title of Class of Securities**
Common Stock, \$0.01 par value, (the “Common Shares”)
- (e) **CUSIP Number**
817208408
- Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:**
- (a) ☐ Broker or dealer registered under Section 15 of the Act (15 U.S.C. 78o).
- (b) ☐ Bank as defined in Section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c) ☐ Insurance Company as defined in Section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d) ☐ Investment Company registered under Section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e) ☐ An investment adviser in accordance with Rule 240.13d-1(b)(1)(ii)(E);
- (f) ☐ An employee benefit plan or endowment fund in accordance with Rule 240.13d-1(b)(1)(ii)(F);
- (g) ☐ A parent holding company or control person in accordance with Rule 240.13d-1(b)(1)(ii)(G);
- (h) ☐ A savings association as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i) ☐ A church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j) ☐ Group, in accordance with Rule 240.13d-1(b)(1)(ii)(J).
- If this statement is filed pursuant to Rule 13d-1(c), check this box ☒

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount Beneficially Owned:

Partlet Holdings and the Directors beneficially own 1,055,555 Common Shares and 950,000 currently exercisable warrants to purchase Common Shares.*

(b) Percent of Class:

9.32%

(c) Number of shares as to which such person has:

(i) sole power to vote or to direct the vote

0

(ii) shared power to vote or to direct the vote

2,005,555

(iii) sole power to dispose or to direct the disposition of

0

(iv) shared power to dispose or to direct the disposition of

2,005,555

* Partlet Holdings is a holding company of the The Candor Trust. The Directors are Board of Directors of Partlet Holdings. While the Reporting Persons have voting and investment control over such shares and warrants, each disclaims beneficial ownership of the Common Shares and warrants to purchase Common Shares reported herein except to the extent of its pecuniary interest therein.

Item 5. Ownership of Five Percent or Less of Class.

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following: ☐

Not Applicable

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not Applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

See Exhibit 99.1

Item 8. Identification and Classification of Members of the Group.

Not Applicable.

Item 9. Notice of Dissolution of Group.

Not Applicable.

Item 10. Certification.

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

DATE: July 31, 2009

PARTLET HOLDINGS, LTD.

By: /s/ Robert Michael Blackie

Name: Robert Michael Blackie

Title: Director

ROBERT MICHAEL BLACKIE

By: /s/ Robert Michael Blackie

Robert Michael Blackie, Individually

JULIE COWARD

By: /s/ Julie Coward

Julie Coward, Individually

LETITIA CUMMINS*

By: /s/ Robert Michael Blackie

Robert Michael Blackie, Individually as
Power of Attorney

FRANK GEE

By: /s/ Frank Gee

Frank Gee, Individually

* The Power of Attorney authorizing certain persons to sign and file this Schedule 13G on behalf of certain Reporting Persons is filed as Exhibit 99.3 to this Schedule 13G.

EXHIBIT INDEX

Exhibit No.	Description
99.1	Item 7 Information
99.2	Joint Filing Agreement, dated the date hereof, between the Reporting Persons
99.3	Power of Attorney

ITEM 7 INFORMATION

The securities being reported on by Partlet Holdings Ltd., as a parent holding company, are owned, or may be deemed to be beneficially owned, by The Condor Trust, as shareholder of Partlet Holdings Ltd.

JOINT FILING AGREEMENT

The undersigned hereby agree that the Statement on Schedule 13G, dated July 31, 2009, with respect to the shares of Senesco Technologies, Inc.'s Common Stock, par value \$0.01 per share, is, and any amendments thereto executed by each of us shall be, filed on behalf of each of us pursuant to and in accordance with the provisions of Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended, and that this Agreement shall be included as an Exhibit to the Schedule 13G and each such amendment. Each of the undersigned agrees to be responsible for the timely filing of the Schedule 13G and any amendments thereto, and for the completeness and accuracy of the information concerning itself contained therein. This Agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of the 31st day of July, 2009.

PARTLET HOLDINGS, LTD.

By: /s/ Robert Michael Blackie

Name: Robert Michael Blackie

Title: Director

ROBERT MICHAEL BLACKIE

By: /s/ Robert Michael Blackie

Robert Michael Blackie, Individually

JULIE COWARD

By: /s/ Julie Coward

Julie Coward, Individually

LETITIA CUMMINS*

By: /s/ Robert Michael Blackie

Robert Michael Blackie, Individually as
Power of Attorney

FRANK GEE

By: /s/ Frank Gee

Frank Gee, Individually

* The Power of Attorney authorizing certain persons to sign and file this Joint Filing Agreement on behalf of certain Reporting Persons is filed as Exhibit 99.3 to the Schedule 13G.

POWER OF ATTORNEY

The undersigned, Partlet Holdings, Inc., hereby appoints Robert Michael Blackie, Julie Coward and Frank Gee, individually, its true and lawful attorney-in-fact and agent, with full power to execute and file with the United States Securities and Exchange Commission and any stock exchange or similar authority, for and on its behalf in any and all capacities, any and all reports required to be filed pursuant to Section 13 of the Securities Exchange Act of 1934 and the rules thereunder, including but not limited to reports on Schedule 13D or 13G, any and all amendments to such reports, with all exhibits, including any joint filing agreements, and any other forms or documents as may be necessary in connection with the filing of such reports with the United States Securities and Exchange Commission and any stock exchange or similar authority, granting unto said attorney full power and authority to do and perform any and all acts for and on behalf of the undersigned which may be necessary or desirable to complete, as fully as the undersigned might or could do in person.

This Power of Attorney shall remain in full force and effect until revoked by the undersigned in a signed writing delivered to the foregoing attorneys-in-fact and agents.

IN WITNESS WHEREOF the undersigned has caused this Power of Attorney to be executed this 31st day of July, 2009.

LETITIA CUMMINS

By: /s/ Letitia Cummins

Letitia Cummins