

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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hours per response: 0.5Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934
or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Burton Karen L</u> (Last) (First) (Middle) <u>C/O CHANCERY HOUSE, 190</u> <u>WATERSIDE RD.</u> <u>HAMILTON INDUSTRIAL PARK</u> (Street) <u>LEICESTER X0 LE5 1QZ</u> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) <u>01/26/2017</u>	3. Issuer Name and Ticker or Trading Symbol <u>Steris plc [STE]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>VP, Controller & CAO</u>	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Ordinary Shares, 0.10 par value	8,726 ⁽¹⁾	D	
Ordinary Shares, 0.10 par value	319 ⁽²⁾	I	By 401(k)

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Employee Stock Option (right to buy)	(3)	05/21/2018	Ordinary Shares	475	30.84	D	
Employee Stock Option (right to buy)	(4)	05/20/2020	Ordinary Shares	3,800	31.87	D	
Employee Stock Option (right to buy)	(5)	05/31/2021	Ordinary Shares	3,800	36.09	D	
Employee Stock Option (right to buy)	(6)	05/30/2022	Ordinary Shares	3,700	29.94	D	
Employee Stock Option (right to buy)	(7)	05/31/2023	Ordinary Shares	4,040	45.34	D	
Employee Stock Option (right to buy)	(8)	05/30/2024	Ordinary Shares	3,400	53.52	D	
Employee Stock Option (right to buy)	(9)	05/28/2025	Ordinary Shares	2,852	66.15	D	
Employee Stock Option (right to buy)	(10)	06/01/2026	Ordinary Shares	2,600	69.72	D	

Explanation of Responses:

- 1,956 of these shares are restricted and vest as follows: 1,300 on May 31, 2017; 1,000 on April 2, 2018; 972 on May 30, 2018; 764 on May 28, 2019; 700 on October 1, 2019 and 1,220 on June 1, 2020.
- Based on closing price of February 2, 2017.
- This option was granted as part of an award of 2,100 ordinary shares on May 21, 2008, 1,625 of which has been exercised.
- This option was granted on May 20, 2010 and is fully vested.
- This option was granted on May 31, 2011 and is fully vested.
- This option was granted on May 30, 2012 and is fully vested.
- This option was granted on May 31, 2013 and is exercisable in four equal amounts as follows: 1,010 on May 31, 2014, 1,010 on May 31, 2015, 1,010 on May 31, 2016 and 1,010 on May 31, 2017.
- This option was granted on May 30, 2014 and is exercisable in four equal amounts as follows: 850 on May 30, 2015, 850 on May 30, 2016, 850 on May 30, 2017 and 850 on May 30, 2018.
- This option was granted on May 28, 2015 and is exercisable in four equal amounts as follows: 713 on May 28, 2016, 713 on May 30, 2017, 713 on May 29, 2018 and 713 on May 28, 2019.
- This option was granted on June 1, 2016 and is exercisable in four equal amounts as follows: 650 on June 1, 2017, 650 on June 1, 2018, 650 on June 3, 2019 and 650 on June 1, 2020.

Remarks:

Vice President, Controller and Chief Accounting Officer Exhibit 24 - Power of Attorney

/s/ Ronald E. Snyder,
Authorized Representative 02/03/2017
under Power of Attorney

** 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 5 (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.

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 Number.

RE: STERIS plc
Commission File No. 001-37614
1933 Act and 1934 Act Filings
Authorized Representatives

Ladies and Gentlemen:

The above Company is or will be the issuer of securities registered under Section 12 of the Securities Exchange Act of 1934. The undersigned confirms, as of the date appearing opposite his/her signature, that each of the "Authorized Representatives" named below is authorized on his/her behalf to sign such statements (on Form 3, Form 4, Form 5, Form 144, Schedule 13G, Form ID (if necessary) or otherwise, collectively, "Forms") with respect to securities of the Company (the "Securities"), and to submit to the Securities and Exchange Commission such Forms (including reports, notices, and other statements) with respect to the Securities, as are required by the Securities Act of 1933, as amended, or the Securities Exchange Act of 1934 as amended (collectively, the "Acts"). The undersigned also confirms the authority of each of the Authorized Representatives to do and perform, on his/her behalf, any and all acts and things with respect to the Securities requisite or necessary to assure compliance by the undersigned with the filing requirements of the Acts.

This authority revokes all prior authorities with respect to the Securities previously executed by the undersigned including but not limited to any such authorities filed with or given to the Commission by the undersigned. This authority contained herein shall remain in full force and effect until the undersigned is no longer required to file Forms with respect to the undersigned's holdings of and transactions in the Securities, unless earlier revoked by the undersigned in a signed writing delivered to the Authorized Representatives.

Authorized Representatives

Judith A. Hunter
Julia Kipnis
Rebecca A. Nichols
Ronald E. Snyder
Michael J. Tokich
J. Adam Zangerle

The undersigned acknowledges that the foregoing Authorized Representatives, in serving in such capacity at the request of the undersigned, are not assuming, nor is the Company assuming, any of the undersigned's responsibilities to comply with the Acts. Additionally, although pursuant to this authority, the Authorized Representatives will use commercially reasonable efforts to timely and accurately file the required Forms on behalf of the undersigned, the Authorized Representatives do not represent or warrant that they will be able to in all cases timely and accurately file such Forms on behalf of the undersigned due to various factors and the undersigned and the Authorized Representatives' need to rely on others for information, including the undersigned and brokers of the undersigned.

Dated: January 30, 2017

By:/s/ Karen L. Burton
Signature

Karen L. Burton
Printed Name