

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* BURKE PETER A			2. Issuer Name and Ticker or Trading Symbol STERIS CORP [STE]			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) Sr. VP & Chief Tech. Officer		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 09/18/2009			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		
5960 HEISLEY ROAD			4. If Amendment, Date of Original Filed (Month/Day/Year)					
(Street)	MENTOR	OH	44060					
(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	(A) or (D)	Price			
Common Shares, No Par Value	09/18/2009		M		2,600	A	\$19.6	17,600	D	
Common Shares, No Par Value	09/18/2009		S ⁽¹⁾		2,600	D	\$30	15,000	D	
Common Shares, No Par Value	09/22/2009		M		2,400	A	\$19.6	17,400	D	
Common Shares, No Par Value	09/22/2009		S ⁽²⁾		2,400	D	\$30.0263	15,000 ⁽³⁾	D	

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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	V	(A)	(D)	Date Exercisable	Expiration Date						Title
Employee Stock Option Exercise	\$19.6	09/18/2009		M		2,600		04/23/2004	05/23/2012	Common Shares, No Par Value	2,600	\$0	17,400	D	
Employee Stock Option Exercise	\$19.6	09/22/2009		M		2,400		04/23/2004	05/23/2012	Common Shares, No Par Value	2,400	\$0	15,000	D	

Explanation of Responses:

- These open market sales of a total of 2,600 Common Shares is pursuant to a Rule 10b5-1 Stock Trading Plan entered into by the Reporting Person on September 9, 2009.
- These open market sales of a total of 2,400 Common Shares is pursuant to a Rule 10b5-1 Stock Trading Plan entered into by the Reporting Person on September 9, 2009.
- 11,000 of these Common Shares are restricted. The restrictions on these Common Shares lapse as follows: 4,000 on July 27, 2010, 3,500 on May 23, 2011 and 3,500 on May 21, 2012.

Dennis P. Patton, Authorized Representative 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 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.

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.