

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 | |
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|--|---------------|-----------|---|--|---|--|
| 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 X Officer (give title below) Other (specify below) Sr. VP & Chief Tech. Officer | |
| (Last) | (First) | (Middle) | 3. Date of Earliest Transaction (Month/Day/Year) 06/05/2008 | | 6. Individual or Joint/Group Filing (Check Applicable Line) X 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 | 06/05/2008 | | M | | 1,000 | A | \$18.25 | 17,500 | D | |
| Common Shares, No Par Value | 06/05/2008 | | S | | 1,000 | D | \$32 | 16,500 | D | |
| Common Shares, No Par Value | 06/05/2008 | | M | | 1,100 | A | \$18.25 | 17,600 | D | |
| Common Shares, No Par Value | 06/05/2008 | | S | | 1,100 | D | \$32.14 | 16,500 | D | |
| Common Shares, No Par Value | 06/05/2008 | | M | | 2,000 | A | \$18.25 | 18,500 | D | |
| Common Shares, No Par Value | 06/05/2008 | | S | | 2,000 | D | \$32.24 | 16,500 | D | |
| Common Shares, No Par Value | 06/05/2008 | | M | | 400 | A | \$18.25 | 16,900 | D | |
| Common Shares, No Par Value | 06/05/2008 | | S | | 400 | D | \$32.23 | 16,500 | D | |
| Common Shares, No Par Value | 06/05/2008 | | M | | 100 | A | \$18.25 | 16,600 | D | |
| Common Shares, No Par Value | 06/05/2008 | | S | | 100 | D | \$32.26 | 16,500 | D | |
| Common Shares, No Par Value | 06/05/2008 | | M | | 200 | A | \$18.25 | 16,700 | D | |
| Common Shares, No Par Value | 06/05/2008 | | S ⁽¹⁾ | | 200 | D | \$32.27 | 16,500 ⁽²⁾ | 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 | \$18.25 | 06/05/2008 | | M | | | 4,800 | (3) | 04/05/2011 | Common Shares, No Par Value | 4,800 | \$0 | 5,000 | D | |

Explanation of Responses:

- These six open market sales of a total of 4,800 Common Shares is pursuant to a Rule 10b5-1 Stock Trading Plan entered into by the Reporting Person on December 19, 2007.
- 11,500 of these Common Shares are restricted. The restrictions on these Common Shares lapse as follows: 4,000 on September 7, 2009, 4,000 on July 27, 2010, and 3,500 on May 23, 2011.
- These Stock Options became exercisable as follows: 2,300 on March 5, 2003 and 2,500 on March 5, 2004.

Dennis P. Patton, Authorized Representative under Power of Attorney 06/09/2008

** 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.

