

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* <u>MOSS ROBERT E</u> (Last) (First) (Middle) <u>5960 HEISLEY ROAD</u> (Street) <u>MENTOR OH 44060</u> (City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol <u>STERIS CORP [STE]</u> | 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) <u>Senior Vice President</u> |
| | 3. Date of Earliest Transaction (Month/Day/Year) <u>08/03/2012</u> | |
| | 4. 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 <input type="checkbox"/> Form filed by More than One Reporting Person |

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 | 08/03/2012 | | M | | 9,000 | A | \$24.45 | 33,512 | D | |
| Common Shares, No Par Value | 08/03/2012 | | S ⁽¹⁾ | | 9,000 | D | \$32.5 | 24,512 | D | |
| Common Shares, No Par Value | 08/06/2012 | | M | | 9,000 | A | \$24.45 | 33,512 | D | |
| Common Shares, No Par Value | 08/06/2012 | | S ⁽²⁾ | | 9,000 | D | \$33 | 24,512 ⁽³⁾ | D | |
| Common Shares, No Par Value | | | | | | | | 13,822 | I | See Footnote Below. ⁽⁴⁾ |

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 |
| Option to Purchase Common Shares | \$24.45 | 08/03/2012 | | M | | 9,000 | | (5) | 06/16/2015 | Common Shares, No Par Value | 9,000 | \$0 | 9,000 | D | |
| Option to Purchase Common Shares | \$24.45 | 08/06/2012 | | M | | 9,000 | | (6) | 06/16/2015 | Common Shares, No Par Value | 9,000 | \$0 | 0 | D | |

Explanation of Responses:

- These open market sales of a total of 9,000 Common Shares is pursuant to a Rule 10b5-1 Stock Trading Plan entered into by the Reporting Person on June 6, 2012.
- These open market sales of a total of 9,000 Common Shares is pursuant to a Rule 10b5-1 Stock Trading Plan entered into by the Reporting Person on June 6, 2012.
- 9,800 of these Common Shares are restricted. The restrictions on these Common Shares lapse as follows: 500 on October 8, 2012, 4,500 on May 20, 2014, 800 on May 31, 2013, 800 on June 2, 2014, 800 on June 1, 2015, 800 on May 30, 2013, 800 on May 30, 2014 and 800 on June 1, 2015.
- This indirect ownership by Mr. Moss is through the Moss Family Trust, Robert E. Moss and Patricia J. Moss as Co-Trustees dated May 24, 1999.
- These options become exercisable as follows: 4,500 on May 16, 2006 and 4,500 on May 16, 2007.
- These options become exercisable as follows: 4,500 on May 16, 2008 and 4,500 on May 16, 2009.

/s/ Dennis P. Patton,
Authorized Representative 08/06/2012
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.