

OMB APPROVAL	
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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

1. Name and Address of Reporting Person* <u>AAMOTH WILLIAM L</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 Officer (give title below) Other (specify below) <u>V P - Corporate Treasurer</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>05/30/2012</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	05/30/2012		A		1,100	A	\$0	10,866	D	
Common Shares, No Par Value	05/31/2012		F		167 ⁽¹⁾	D	\$29.86	10,699 ⁽²⁾	D	
Common Shares, No Par Value								500	I	See Footnote Below. ⁽³⁾
Common Shares, No Par Value								635	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					
Option to Purchase Common Shares	\$29.94	05/30/2012		A		5,200		(5)	05/30/2022	Common Shares, No Par Value	\$0	5,200	D	

Explanation of Responses:

- Mr. Aamoth elected to have 167 shares withheld from the 500 restricted shares that were awarded to him on May 31, 2011 and which vested on May 31, 2012. These shares were valued as of the NYSE closing market price on May 31, 2012.
- 5,280 of these Common Shares are restricted. The restrictions on these Common Shares lapse as follows: 2,680 on May 20, 2014, 500 on May 31, 2013, 500 on June 2, 2014 and 500 on June 1, 2015, 275 on May 30, 2013, 275 on May 30, 2014, 275 on June 1, 2015 and 275 on May 30, 2016.
- Represents an investment by Mr. Aamoth in his Vanguard William L. Aamoth - Rollover IRA Brokerage Account.
- Represents 648.192 units of the STERIS Corporation 401(k) Plan STERIS Stock Fund which equals 635 Common share equivalents as of May 31, 2012.
- These options become exercisable as follows: 1,300 on May 30, 2013, 1,300 on May 30, 2014, 1,300 on May 30, 2015 and 1,300 on May 30, 2016.

/s/ Dennis P. Patton,
Authorized Representative 06/01/2012
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.

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