

**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 * <u>Pahwa Sudhir K</u>			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 X Officer (give title below) Other (specify below) <u>Sr. V.P., IPT</u>			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <u>05/30/2014</u>			6. Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person			
<u>5960 HEISLEY ROAD</u>			4. If Amendment, Date of Original Filed (Month/Day/Year)						
(Street)	<u>MENTOR</u>	<u>OH</u>	<u>44060</u>						
(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	05/30/2014		A		3,000	A	\$0	22,444.7296	D	
Common Shares, No Par Value	05/30/2014		F		811 <sup>(1)</sup>	D	\$53.52	21,633.7296	D	
Common Shares, No Par Value	06/02/2014		F		740 <sup>(2)</sup>	D	\$52.64	20,893.7296	D	
Common Shares, No Par Value	06/02/2014		F		354 <sup>(3)</sup>	D	\$52.64	20,539.7296 <sup>(4)</sup>	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
Option to Purchase Common Shares	\$53.52	05/30/2014		A		17,500		(5)	05/30/2024	Common Shares, No Par Value	17,500	\$0	17,500	D	

**Explanation of Responses:**

- 811 shares were withheld from the 2,500 restricted shares that vested on May 30, 2014. These 811 shares represent the value of the taxes required to be withheld pursuant to applicable employment or tax laws, as determined by the Issuer. These 2,500 shares were awarded to Mr. Pahwa on May 30, 2012 as part of an award of 5,000 restricted shares. These vested shares were valued at the NYSE closing market price on May 30, 2014.
- 740 shares were withheld from the 2,250 restricted shares that vested on June 2, 2014. These 740 shares represent the value of the taxes required to be withheld pursuant to applicable employment or tax laws, as determined by the Issuer. These 2,250 shares were awarded to Mr. Pahwa on May 31, 2011 as part of an award of 3,000 restricted shares. These vested shares were valued at the NYSE closing market price on June 2, 2014.
- 354 shares were withheld from the 1,075 restricted shares that vested on June 2, 2014. These 354 shares represent the value of the taxes required to be withheld pursuant to applicable employment or tax laws, as determined by the Issuer. These 1,075 shares were awarded to Mr. Pahwa on May 31, 2013 as part of an award of 4,300 restricted shares. These vested shares were valued at the NYSE closing market price on June 2, 2014.
- 9,475 of these Common Shares are restricted. The restrictions on these Common Shares lapse as follows: 750 on June 1, 2015; 1,250 on June 1, 2015; 1,075 on June 1, 2015; 1,250 on May 31, 2016; 1,075 on May 31, 2016; 1,075 on May 31, 2017; 750 on June 1, 2015; 750 on May 30, 2016; 750 on May 30, 2017 and 750 on May 30, 2018. 2,027.6908 of these Common Shares are jointly held by the Reporting Person and his spouse in a joint brokerage account.
- These options become exercisable as follows: 4,375 on May 30, 2015; 4,375 on May 30, 2016; 4,375 on May 30, 2017 and 4,375 on May 30, 2018.

/s/ Dennis P. Patton, Authorized Representative under Power of Attorney 06/03/2014

\*\* 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.