Rosebrough Walter M Jr Form 4 May 23, 2012

FORM 4

OMB APPROVAL

UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549 Check this box

OMB 3235-0287 Number:

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STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue. 30(h) of the Investment Company Act of 1940 See Instruction

1(b).

Form 5

obligations

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Rosebrough Walter M Jr Issuer Symbol STERIS CORP [STE] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) _X__ Director 10% Owner X_ Officer (give title Other (specify 5960 HEISLEY ROAD 05/21/2012 below) President & CEO (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting MENTOR, OH 44060 Person

			1 Claudi						
(City)	(State)	(Zip) Tab	le I - Non-E	Derivative Securities Acqu	ired, Disposed of	or Beneficiall	y Owned		
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities Acquired	5. Amount of	6.	7. Nature of		
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or Disposed of (D)	Securities	Ownership	Indirect		
(Instr. 3)		any	Code	(Instr. 3, 4 and 5)	Beneficially	Form: Direct	Beneficial		
		(Month/Day/Year)	(Instr. 8)		Owned	(D) or	Ownership		
					Following	Indirect (I)	(Instr. 4)		
				()	Reported	(Instr. 4)			
				(A)	Transaction(s)				
				or					

(Instr. 3 and 4) Code V Amount (D) Price Common 12,828 Shares, No 05/21/2012 F 114,504 (2) D (1) 29 59 Par Value

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Own
	Security				Acquired						Follo
	Ĭ				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						Ì
					4, and 5)						
									Amount		
						Date	Expiration		or		
						Exercisable	Date		Number		
						2.1010154010	2410		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
Rosebrough Walter M Jr 5960 HEISLEY ROAD MENTOR, OH 44060	X		President & CEO				

Signatures

Dennis P. Patton, Authorized Representative under Power of Attorney 05/23/2012

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- (1) Mr. Rosebrough elected to have 12,828 shares withheld from the 24,000 restricted shares that were awarded to him on May 21, 2009 and which vested on May 21, 2012. These shares were valued as of the NYSE closing market price on May 21, 2012.
- (2) 50,000 of these Common Shares are restricted. The restrictions on these Common Shares lapse as follows: 35,000 on May 20, 2014 and 7,500 on May 31, 2013, 3,750 on June 2, 2014 and 3,750 on June 1, 2015.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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