CRYOLIFE INC

Form 4

February 23, 2016

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB

3235-0287 Number:

January 31, Expires: 2005

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obligations

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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).

(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 Horton Amy Issuer Symbol CRYOLIFE INC [CRY] (Check all applicable) (First) (Middle) (Last) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title _ Other (specify CRYOLIFE, INC., 1655 ROBERTS 02/19/2016 below) below) BLVD, NW VP, Chief Accounting Officer (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 Person

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(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. Securi on(A) or D (Instr. 3,	ispose 4 and (A) or	d of (D)	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)
Common Stock	02/19/2016		A	7,353 (1)	A	\$ 10.24	80,284	D	
Common Stock	02/19/2016		A	6,378 (2)	A	\$ 0	86,662	D	
Common Stock	02/19/2016		F	1,063 (3)	D	\$ 10.24	85,599	D	

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

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number.

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 or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisab Expiration Date (Month/Day/Year		7. Title and A Underlying S (Instr. 3 and 4	Securities
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option (Right to Buy)	\$ 10.24	02/19/2016		A	20,713	02/19/2017(4)	02/19/2022	Common Stock	20,713

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Dimonton	1007 Oxxxxx	Officer		

Director 10% Owner Officer Other

Relationship

Horton Amy
CRYOLIFE, INC.
1655 ROBERTS BLVD, NW
KENNESAW, GA 30144

VP, Chief
Accounting
Officer

Signatures

/s/ Amy Horton 02/23/2016

**Signature of Person Date

Reporting Person

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) Represents share of restricted stock that vest on the third anniversary of the grant date if the reporting person remains in the continuous employ of the Company.
- Represents performance stock units granted on February 19, 2015 and earned at approximately 129.3% of target based on 2015 adjusted EBITDA. Fifty percent (50%) or 3,189 shares vested and were issued on February 19, 2016. The remaining 3,189 shares earned in connection with the February 2015 grant will vest and be issued as follows: 50% on 02/19/2017, and 50% on 02/19/2018, assuming continued employment on the relevant vesting date.
- (3) These shares were withheld upon the vesting of performance stock units to pay tax withholding obligations.
- (4) Stock option vests 33 1/3% per year beginning on the first anniversary of the grant date.

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