#### HEACOX ALBERT E

Form 4

February 16, 2007

# FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB 3235-0287

**OMB APPROVAL** 

Number: Expires:

January 31, 2005

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if no longer subject to Section 16. Form 4 or Form 5 obligations

Check this box

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 HEACOX ALBERT E	Person *	2. Issuer Name <b>and</b> Ticker or Trading Symbol CRYOLIFE INC [CRY]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Last) (First) (I	Middle)	3. Date of Earliest Transaction	(Check all applicable)			
		(Month/Day/Year)	Director 10% Owner			
CRYOLIFE, INC., 1655 ROBERTS BOULEVARD, N.W.		02/14/2007	X Officer (give title Other (specify below) Sr. VP Research and Devl			
(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			
KENNESAW, GA 30144			Form filed by More than One Reporting Person			

#### (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. 4. Securities Acquired Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)  (A)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	02/14/2007		A	3,750 (1)	A	\$0	11,364	D	
Common Stock	02/15/2007		A	7,775 (2)	A	\$ 8.57	19,139	D	
Common Stock							5,346	I	By Trust
Common Stock							45,000	I	By Trust
Common Stock							200	I	By Trusts (5)

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

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 control number.

**SEC 1474** 

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Title	and	8. Price of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transac	ctionNumber	Expiration Da	ate	Amour	nt of	Derivative
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8	<ol><li>Derivative</li></ol>	e		Securit	ties	(Instr. 5)
	Derivative				Securities			(Instr.	3 and 4)	
	Security				Acquired					
					(A) or					
					Disposed					
					of (D)					
					(Instr. 3,					
					4, and 5)					
									Amount	
						Date	Expiration		or	
					Exercisable	Date		Number		
									of	
				Code	V (A) (D)				Shares	

# **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

HEACOX ALBERT E CRYOLIFE, INC. 1655 ROBERTS BOULEVARD, N.W. KENNESAW, GA 30144

Sr. VP Research and Devl

### **Signatures**

/s/ Albert E. 02/16/2007 Heacox

\*\*Signature of 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 shares 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.
- (2) Represents unrestricted common stock shares issued pursuant to the CryoLife, Inc. 2006 Performance-Based Bonus Plan.
- (3) The 5,346 shares are owned by Albert E. Heacox, Trustee, Albert E. Heacox Living Trust under an agreement dated 10-29-99.
- (4) The 45,000 shares are owned by Dr. Heacox's spouse as Virginia Heacox FBO Virginia Heacox, Trustee, or successor Trustees of the Virginia Heacox Living Trust under an agreement dated 10-29-99.

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Includes 100 shares owned by Albert E. Heacox C/F Rachel K. Heacox, UTMA/GA and 100 shares owned by Albert E. Heacox C/F

Daniel A. Heacox UTMA/GA. The reporting person disclaims beneficial ownership of all securities held by his daughter and son, and this report should not be deemed an admission that the reporting person is the beneficial owner of such securities for purposes of Section 16 or for any other purpose.

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.