CRYOLIFE INC Form 4 May 15, 2007

FORM 4

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

OMB Number: Expires:

Check this box if no longer subject to Section 16. Form 4 or

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

Estimated average burden hours per response...

OMB APPROVAL

3235-0287

January 31,

2005

0.5

Form 5 obligations may continue. See Instruction 1(b).

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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person * HEACOX ALBERT E

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

CRYOLIFE INC [CRY]

(Check all applicable)

(Last)

(First) (Middle)

(7:-

3. Date of Earliest Transaction (Month/Day/Year)

Director _X__ Officer (give title

10% Owner Other (specify

CRYOLIFE, INC., 1655 ROBERTS

(Ctata)

05/11/2007

below)

BOULEVARD, N.W.

Sr. VP Research and Devl

6. Individual or Joint/Group Filing(Check

(Street) 4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

Person

KENNESAW, GA 30144

(City)	(State)	Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owner							ly 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 (D) Code (Instr. 3, 4 and 5) (Instr. 8) (A) or Code V Amount (D) Price		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	05/11/2007		M	9,880	A	\$ 2.2	29,019	D	
Common Stock	05/11/2007		S	3,280	D	\$ 12.68	25,739	D	
Common Stock	05/11/2007		S	2,500	D	\$ 12.7	23,239	D	
Common Stock	05/11/2007		S	1,500	D	\$ 12.77	21,739	D	
Common Stock	05/11/2007		S	100	D	\$ 12.78	21,639	D	

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Common Stock	05/11/2007	S	800	D	\$ 12.79	20,839	D	
Common Stock	05/11/2007	S	200	D	\$ 12.81	20,639	D	
Common Stock	05/11/2007	S	1,500	D	\$ 12.9	19,139	D	
Common Stock	05/15/2007	M	10,000	A	\$ 2.2	29,139	D	
Common Stock						5,346	I	By Trust
Common Stock						45,000	I	By Trust
Common Stock						200	I	By Trusts

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

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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 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. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount o Underlying Securities (Instr. 3 and 4)	
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Share
Stock Option	\$ 2.2	05/11/2007		M	9,880	08/31/2003(4)	02/29/2008	Common Stock	9,880
Stock Option	\$ 2.2	05/15/2007		M	10,000	08/31/2003(4)	02/29/2008	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Sr. VP Research and Devl

Reporting Owners 2

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

Signatures

/s/ Albert E. 05/15/2007 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) The 5,346 shares are owned by Albert E. Heacox, Trustee, Albert E. Heacox Living Trust under an agreement dated 10-29-99.
- (2) 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.
- 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.
- (4) Stock option vests twenty percent per year beginning on first anniversary of grant date.

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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