

CRYOLIFE INC  
Form 4  
May 15, 2007

**FORM 4**

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

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
ANDERSON STEVEN G

(Last) (First) (Middle)

CRYOLIFE, INC., 1655 ROBERTS BOULEVARD, NW

(Street)

KENNESAW, GA 30144

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
CRYOLIFE INC [CRY]

3. Date of Earliest Transaction (Month/Day/Year)  
05/14/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director  10% Owner  
 Officer (give title below)  Other (specify below)  
President, CEO and Chairman

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

**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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	05/14/2007		S <sup>(1)</sup>	900 D	\$ 12.43	1,246,000	D
Common Stock	05/14/2007		S <sup>(1)</sup>	3,300 D	\$ 12.45	1,242,700	D
Common Stock	05/14/2007		S <sup>(1)</sup>	500 D	\$ 12.46	1,242,200	D
Common Stock	05/14/2007		S <sup>(1)</sup>	600 D	\$ 12.47	1,241,600	D
Common Stock	05/14/2007		S <sup>(1)</sup>	2,602 D	\$ 12.48	1,238,998	D

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Common Stock	05/14/2007		<u>S<sup>(1)</sup></u>	200	D	\$ 12.49	1,238,798	D	
Common Stock	05/14/2007		<u>S<sup>(1)</sup></u>	7,000	D	\$ 12.5	1,231,798	D	
Common Stock	05/14/2007		<u>S<sup>(1)</sup></u>	100	D	\$ 12.51	1,231,698	D	
Common Stock	05/14/2007		<u>S<sup>(1)</sup></u>	200	D	\$ 12.52	1,231,498	D	
Common Stock	05/14/2007		<u>S<sup>(1)</sup></u>	200	D	\$ 12.53	1,231,298	D	
Common Stock	05/14/2007		<u>S<sup>(1)</sup></u>	200	D	\$ 12.54	1,231,098	D	
Common Stock	05/14/2007		<u>S<sup>(1)</sup></u>	700	D	\$ 12.55	1,230,398	D	
Common Stock	05/14/2007		<u>S<sup>(1)</sup></u>	600	D	\$ 12.59	1,229,798	D	
Common Stock	05/14/2007		<u>S<sup>(1)</sup></u>	200	D	\$ 12.62	1,229,598	D	
Common Stock	05/14/2007		<u>S<sup>(1)</sup></u>	6,198	D	\$ 12.63	1,223,400	D	
Common Stock	05/14/2007		<u>S<sup>(1)</sup></u>	1,300	D	\$ 12.64	1,222,100	D	
Common Stock	05/14/2007		<u>S<sup>(1)</sup></u>	200	D	\$ 12.69	1,221,900	D	
Common Stock							106,471	I	By Trust
Common Stock							88,600	I	By Spouse, As Trustee
Common Stock							107,924	I	By Spouse

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

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(9-02)

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

1. Title of Derivative Security	2. Conversion or Exercise	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any	4. Transaction Code	5. Number of	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying	8. Price of Derivative Security	9. Nu Deriv Secur
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(Instr. 3)	Price of Derivative Security	(Month/Day/Year)	(Instr. 8)	Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Securities (Instr. 3 and 4)	(Instr. 5)	Bene- Own- Follo- Repo- Trans- (Instr.
Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
ANDERSON STEVEN G CRYOLIFE, INC. 1655 ROBERTS BOULEVARD, NW KENNESAW, GA 30144	X		President, CEO and Chairman	

## Signatures

/s/ Steven G.  
Anderson

05/15/2007

\_\_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) The sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on February 26, 2007.

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.