CRYOLIFE INC Form 4 May 15, 2007

FORM 4

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

Check this box

if no longer subject to Section 16.

Form 4 or Form 5 obligations may continue. See Instruction 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(b).

1. Name and Address of Reporting Person * LEE DAVID ASHLEY

2. Issuer Name and Ticker or Trading Symbol

CRYOLIFE INC [CRY]

(Last) (First) (Middle) 3. Date of Earliest Transaction

(Month/Day/Year) 05/11/2007

CRYOLIFE, INC., 1655 ROBERTS BLVD., N.W.

(Street)

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

Director 10% Owner _X__ Officer (give title _ Other (specify

OMB APPROVAL

3235-0287

January 31,

2005

0.5

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Number:

Expires:

response...

Estimated average

burden hours per

below) Exec. VP, COO and CFO

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

Person

KENNESAW, GA 30144

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Secur	ities Acqu	iired, Disposed of	f, or Beneficial	ly 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 on(A) or Disposed of (D) (Instr. 3, 4 and 5)			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	05/11/2007		M	25,000	A	\$ 2.2	94,276	D	
Common Stock	05/11/2007		S <u>(1)</u>	1,300	D	\$ 12.7	92,976	D	
Common Stock	05/11/2007		S <u>(1)</u>	100	D	\$ 12.71	92,876	D	
Common Stock	05/11/2007		S <u>(1)</u>	2,767	D	\$ 12.75	90,109	D	
Common Stock	05/11/2007		S <u>(1)</u>	300	D	\$ 12.76	89,809	D	

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Common Stock	05/11/2007	S(1)	533	D	\$ 12.77	89,276	D	
Common Stock	05/11/2007	S(1)	10,400	D	\$ 12.82	78,876	D	
Common Stock	05/11/2007	S <u>(1)</u>	500	D	\$ 12.83	78,376	D	
Common Stock	05/11/2007	S <u>(1)</u>	200	D	\$ 12.84	78,176	D	
Common Stock	05/11/2007	S <u>(1)</u>	900	D	\$ 12.85	77,276	D	
Common Stock	05/11/2007	S(1)	1,000	D	\$ 12.99	76,276	D	
Common Stock						1,700	I	By Parents (2)
Common Stock						1,500	I	By Children

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

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SEC 1474 (9-02)

Stock

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. Transacti Code (Instr. 8)	Secu Acqu or Di (D)	rities nired (A) sposed of r. 3, 4,	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	Amoun or Number of Share
Stock	\$ 2.2	05/11/2007		M		25,000	08/31/2003(3)	02/29/2008	Common	25,00

Reporting Owners

Option

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Exec. VP, COO and CFO

Reporting Owners 2

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LEE DAVID ASHLEY CRYOLIFE, INC. 1655 ROBERTS BLVD., N.W. KENNESAW, GA 30144

Signatures

/s/ D.A. Lee 05/15/2007

**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 sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan adopted by the reporting person on May 10, 2007.
 - The reporting person holds 1,700 shares indirectly through parents for which the reporting person has power of disposition only and
- (2) disclaims beneficial ownership. This report shall 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 reason.
- (3) 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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