

LEE DAVID ASHLEY
Form 4
February 16, 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 *
LEE DAVID ASHLEY

(Last) (First) (Middle)

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

(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)
02/14/2007

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)
Exec. VP, COO and CFO

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)
			Code	V	Amount or (D) Price		
Common Stock	02/14/2007		A		6,250 (1) \$ 0	D	
Common Stock	02/15/2007		A		15,594 (3) \$ 8.57	D	
Common Stock					1,700	I	By Parents (4)
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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(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 (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 Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of Derivative Securities Beneficially Owned Following Transaction (Instr.
						Date Exercisable	Expiration Date	Title	Amount or Number of Shares
						Code	V	(A)	(D)

Reporting Owners

Reporting Owner Name / Address	Relationships				
	Director	10% Owner	Officer		Other
LEE DAVID ASHLEY CRYOLIFE, INC. 1655 ROBERTS BLVD., N.W. KENNESAW, GA 30144			Exec. VP, COO and CFO		

Signatures

/s/ D. A. Lee 02/16/2007

**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) 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) Includes 3,961 shares acquired through CryoLife, Inc. Employee Stock Purchase Plan that have not been previously reported.
- (3) Represents unrestricted common stock shares issued pursuant to the CryoLife, Inc. 2006 Performance-Based Bonus Plan.

- (4) The reporting person holds 1,700 shares indirectly through parents for which the reporting person has power of disposition only and 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.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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