CRYOLIFE INC Form 4

February 25, 2011

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

Check this box if no longer

subject to Section 16. Form 4 or

Form 5 obligations may continue. See Instruction

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 1(b).

OMB 3235-0287 Number:

OMB APPROVAL

January 31, Expires: 2005

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Estimated average burden hours per response...

(Print or Type Responses)

(Last)

(City)

(Instr. 3)

1. Name and Address of Reporting Person * FRONK DAVID

(First) (Middle)

CRYOLIFE, INC., 1655 ROBERTS

BLVD., NW

(Street)

(State)

2. Issuer Name and Ticker or Trading Symbol

CRYOLIFE INC [CRY]

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

02/23/2011

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

Code V

5. Relationship of Reporting Person(s) to

(Check all applicable)

Director 10% Owner

X_ Officer (give title Other (specify below) below)

VP Reg. Affrs. and Qual Assur.

6. Individual or Joint/Group Filing(Check Applicable Line)

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

Person

Issuer

KENNESAW, GA 30144

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year)

any (Month/Day/Year)

(Zip)

Execution Date, if

3. 4. Securities Acquired Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)

(A)

A

Securities Beneficially Owned Following Reported

62,845

5. Amount of

(D) or

D

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

Transaction(s) (Instr. 3 and 4)

Amount (D) Price

\$0

22,000 Common 02/23/2011 A (1) Stock

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

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SEC 1474 (9-02)

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

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number of	6. Date Exercisab	ole and	7. Title and A	Amount o
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	TransactionDerivative		Expiration Date		Underlying Securities	
Security	or Exercise		any	Code	Securities	(Month/Day/Year	r)	(Instr. 3 and	4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired (A)				
	Derivative				or Disposed of	:			
	Security				(D)				
	J				(Instr. 3, 4,				
					and 5)				
					,				
									Amount
						Date Exercisable	Expiration	Title	or
						Dute Exercisable	Date	Title	Number
				Code V	(A) (D)				of Share
Stock	\$ 5.12	02/23/2011		A	44,000	02/23/2012(2)	02/23/2018	Common	44,000
Option								Stock	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

FRONK DAVID CRYOLIFE, INC. 1655 ROBERTS BLVD., NW KENNESAW, GA 30144

VP Reg. Affrs. and Qual Assur.

Signatures

/s/ D. A. Lee 02/24/2011

**Signature of 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) Stock option vests 33 1/3% 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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