CRYOLIFE INC Form 4 August 08, 2006

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

OMB APPROVAL OMB

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

SECURITIES Form 5 obligations may continue.

(Middle)

(Zip)

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).

(Last)

(City)

Security

(Instr. 3)

See Instruction

1. Name and Address of Reporting Person * FRONK DAVID

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

CRYOLIFE INC [CRY]

(Check all applicable)

CRYOLIFE, INC., 1655 ROBERTS

(First)

(Month/Day/Year) 08/07/2006

Director 10% Owner X_ Officer (give title Other (specify

below)

BLVD., NW

(Street)

(State)

(Month/Day/Year)

3. Date of Earliest Transaction

VP Reg. Affrs. and Qual Assur. 6. Individual or Joint/Group Filing(Check

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

(Instr. 8)

Applicable Line) _X_ Form filed by One Reporting Person

Form filed by More than One Reporting

(Instr. 4)

Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

KENNESAW, GA 30144

1. Title of 2. Transaction Date 2A. Deemed

3. 4. Securities Execution Date, if TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership (T)

(Instr. 4)

(A)

(Instr. 3, 4 and 5)

Following Reported Transaction(s)

(Instr. 3 and 4) Code V Amount (D) Price

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

(Month/Day/Year)

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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

1. Title of Derivative Conversion Security or Exercise

3. Transaction Date 3A. Deemed (Month/Day/Year)

Execution Date, if any

4. 5. Number of TransactionDerivative Code Securities

6. Date Exercisable and **Expiration Date** (Month/Day/Year)

7. Title and Amount of **Underlying Securities** (Instr. 3 and 4)

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(Instr. 3) Price of Derivative Security

(Month/Day/Year) (Instr. 8) Acquired (A)

or Disposed of (D)

(Instr. 3, 4, and 5)

(A)

Code V

(D) Date Exercisable Expiration

Title Date

Amount Number of Share

Stock Option \$ 5.795

08/07/2006

A 50,000 08/07/2007(1) 02/07/2012

Common

50,000 Stock

Reporting Owners

Reporting Owner Name / Address

Relationships

10% Owner Director Officer Other

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

VP Reg. Affrs. and Qual Assur.

Signatures

/s/ David Fronk **Signature of Reporting Person

08/08/2006 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) Stock options vest in 20% increments 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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