CRYOLIFE INC

Form 4

February 25, 2014

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB APPROVAL OMB 3235-0287

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Check this box

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 may continue. 30(h) of the Investment Company Act of 1940

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Gale David C

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

below)

CRYOLIFE INC [CRY]

(Check all applicable)

(Last)

(First) (Middle)

(Zin)

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

02/21/2014

Director X_ Officer (give title

10% Owner _ Other (specify

CRYOLIFE, INC., 1655 ROBERTS

(Street)

(State)

BLVD., N.W.

(City)

4. If Amendment, Date Original

Filed(Month/Day/Year)

VP-Research and Development 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) (| Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned | | | | | | | |
|------------------------|--------------------------------------|--|------------------|---------------|------------------|------------|--|--------------------------------------|---------------------------------------|
| 1.Title of Security | 2. Transaction Date (Month/Day/Year) | 2A. Deemed Execution Date, if | 3. Transactio | 4. Securit | | • | 5. Amount of Securities | 6. Ownership Form: Direct | 7. Nature of Indirect |
| (Instr. 3) | | any (Month/Day/Year) | Code (Instr. 8) | (Instr. 3, 4 | and 5 | 5) | Beneficially Owned Following | (D) or Indirect (I) (Instr. 4) | Beneficial Ownership (Instr. 4) |
| | | | Code V | Amount | (A) or (D) | Price | Reported Transaction(s) (Instr. 3 and 4) | (======= | |
| Common Stock | 02/21/2014 | | A | 11,622 (1) | A | \$ 0 | 45,640 | D | |
| Common Stock | 02/21/2014 | | F | 1,972 (2) | D | \$ 9.79 | 43,668 | D | |

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

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

| 1. Title o | of 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exer | cisable and | 7. Title | and | 8. Price of | 9. Nu |
|------------|---------------|---------------------|--------------------|-------------------|------------|----------------------------------|-------------|------------|----------|-------------|--------|
| Derivativ | ve Conversion | (Month/Day/Year) | Execution Date, if | TransactionNumber | | Expiration D | tion Date | | it of | Derivative | Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Underl | ying | Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Securit | ies | (Instr. 5) | Bene |
| | Derivative | | | | Securities | | | (Instr. 3 | 3 and 4) | | Own |
| | Security | | | | Acquired | | | | | | Follo |
| | | | | | (A) or | | | | | | Repo |
| | | | | | Disposed | | | | | | Trans |
| | | | | | of (D) | | | | | | (Instr |
| | | | | | (Instr. 3, | | | | | | |
| | | | | | 4, and 5) | | | | | | |
| | | | | | | | | | A | | |
| | | | | | | | | | Amount | | |
| | | | | | | Date Expiration Exercisable Date | ^ | little Num | | | |
| | | | | | | | | | | | |
| | | | | C + V | (A) (D) | | of | | | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Gale David C CRYOLIFE, INC. 1655 ROBERTS BLVD., N.W. KENNESAW, GA 30144

VP-Research and Development

Signatures

/s/ David C. 02/25/2014 Gale

**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).
- Represents performance stock units granted on February 12, 2013 and earned at approximately 116% of target based on 2013 adjusted EBITDA. Fifty percent (50%) or 5,811 shares vested and were issued to Dr. Gale on February 21, 2014. The remaining 5,811 shares earned in connection with the February 2013 grant will vest and be issued to Dr. Gale as follows: 50% on 2/12/2015, and 50% on 2/12/2016, assuming continued employment on the relevant vesting date.
- (2) These shares were withheld upon the vesting of performance stock units to pay tax withholding obligations.

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