

| OMB APPROVAL                                 |           |
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| OMB Number:                                  | 3235-0287 |
| Estimated average burden hours per response: | 0.5       |

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**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

|  |  |   |
|--|--|---|
| 1. Name and Address of Reporting Person*<br><u>Capps Scott B</u><br><br>(Last) (First) (Middle)<br>CRYOLIFE, INC.<br>1655 ROBERTS BLVD., NW<br><br>(Street)<br>KENNESAW GA 30144<br><br>(City) (State) (Zip) | 2. Issuer Name and Ticker or Trading Symbol<br><u>CRYOLIFE INC [ CRY ]</u> | 5. Relationship of Reporting Person(s) to Issuer<br>(Check all applicable)<br><br>Director 10% Owner<br><input checked="" type="checkbox"/> Officer (give title below) Other (specify below)<br><u>VP-Clinical Research</u> |
|  | 3. Date of Earliest Transaction (Month/Day/Year)<br><u>02/21/2014</u>      |   |
| 4. If Amendment, Date of Original Filed (Month/Day/Year)   |  |   |

**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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|------------|--------|---|--|---|
|                                 |                                      |  | Code                           | V | Amount  | (A) or (D) | Price  |   |  |   |
| Common Stock                    | 02/21/2014                           |  | A                              |   | 11,622 <sup>(1)</sup>   | A          | \$0    | 79,927  | D  |   |
| Common Stock                    | 02/21/2014                           |  | F                              |   | 1,888 <sup>(2)</sup>  | D          | \$9.79 | 78,039  | D  |   |

**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 Securities Underlying Derivative Security (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4) | 10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | 11. Nature of Indirect Beneficial Ownership (Instr. 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|--|-----------------|---|--|--|---|--|
|  |  |                                      |  | Code                           | V |  | Date Exercisable   | Expiration Date |   |  |  |   |  |

**Explanation of Responses:**

- 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 Mr. Capps on February 21, 2014. The remaining 5,811 shares earned in connection with the February 2013 grant will vest and be issued to Mr. Capps as follows: 50% on 2/12/2015, and 50% on 2/12/2016, assuming continued employment on the relevant vesting date.
- These shares were withheld upon the vesting of performance stock units to pay tax withholding obligations.

**Remarks:**

/s/ Scott B. Capps 02/25/2014

\*\* Signature of Reporting Person Date

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

\* 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).

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.