

UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 WASHINGTON, D.C. 20549
 FORM 4

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

() Check this box if no longer subject to Section 16.
 Form 4 or Form 5 obligations may continue. See Instructions 1(b).

1. Name and Address of Reporting Person

McCALL, RONALD D.
 c/o CryoLife, Inc.
 1655 Roberts Boulevard, NW
 Kennesaw, GA 30144

2. Issuer Name and Ticker or Trading Symbol

CRYOLIFE, INC.
 CRY

3. IRS or Social Security Number of Reporting Person (Voluntary)

4. Statement for Month/Year

1/2001

5. If Amendment, Date of Original (Month/Year)

6. Relationship of Reporting Person(s) to Issuer (Check all applicable)

(X) Director () 10% Owner (X) Officer (give title below) () Other
 (specify below)

Secretary and Treasurer

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

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

1. Title of Security	2. Transaction Date	3. Code	4. Securities Acquired (A) or Disposed of (D) Amount	5. Price	6. Amount of Securities Beneficially Owned at End of Month	7. Nature of Indirect Beneficial Ownership (D or I)
Common Stock (1)	1-12-01	M	10,500	\$6.83	114,013	D
Common Stock (1)	1-12-01	F	2,600	\$27.00	15,000	I By Spouse

1. Title of Derivative Security	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date	4. Code	5. Number of Derivative Securities Acquired (A) or Disposed of (D) Amount	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities	8. Price of Underlying Security	9. Number of Derivative Securities	10. Nature of Indirect Beneficial Ownership (D or I)
Incentive Stock Option (1)	\$6.83	1-12-01	M	10,500	11-16-97 to 15-02-02	Common Stock of 10,500	N/A	0	

Explanation of Responses:

(1) All share amounts and prices reflect a three-for-two stock split which was effective December 27, 2000.

SIGNATURE OF REPORTING PERSON

/s/ Ronald D. McCall

Ronald D. McCall

DATE

February 9, 2001