CRYOLIFE INC Form 4 May 08, 2006

FORM 4

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

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 OF **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

(Print or Type Responses)

1. Name and Address of Reporting Person * VAN DYNE BRUCE J MD

2. Issuer Name and Ticker or Trading Symbol

CRYOLIFE INC [CRY]

(First) (Middle) (Last)

3. Date of Earliest Transaction (Month/Day/Year) 05/05/2006

CRYOLIFE, INC., 1655 ROBERTS BOULEVARD, N.W.

> 4. If Amendment, Date Original (Street)

Filed(Month/Day/Year)

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

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

below)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

5. Amount of

(City) (State)

KENNESAW, GA 30144

Security

(Instr. 3)

(Zip) 1.Title of 2. Transaction Date 2A. Deemed

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Execution Date, if

Code (Month/Day/Year) (Instr. 8)

Disposed of (D) (Instr. 3, 4 and 5)

(A)

or

Securities Beneficially Owned Following Reported

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

(Instr. 4)

Ownership (Instr. 4)

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.

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 3. Transaction Date 3A. Deemed 4. 5. Number of 6. Date Exercisable and Derivative Conversion (Month/Day/Year) Execution Date, if **Transaction**Derivative **Expiration Date** Security or Exercise any Code Securities (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 or Dispose (D) (Instr. 3, 4 and 5)	ed of				
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Stock Option	\$ 5	05/05/2006		A		10,000		05/05/2006	05/05/2011	Common Stock	10,000

Reporting Owners

Reporting Owner Name / Address	Relationships						
Reporting Owner Name / Address	Director	10% Owner	Officer	Other			
VAN DYNE BRUCE J MD CRYOLIFE, INC. 1655 ROBERTS BOULEVARD, N.W. KENNESAW, GA 30144	X						

Signatures

/s/ Bruce J. Van
Dyne

**Signature of Reporting 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).

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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