ACKERMAN THOMAS F

Form 4 May 24, 2010

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

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response...

subject to Section 16. Form 4 or Form 5 obligations

may continue.

See Instruction

if no longer

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 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

			2. Issuer Name and Ticker or Trading Symbol CRYOLIFE INC [CRY]				5. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
(Last)	(First) (N	Middle)	3. Date of Earliest Transaction			(Circ	ск ан аррисаок	·)			
· · · · · · · · · · · · · · · · · · ·			(Month/Day/Year) 05/20/2010					_X_ Director Officer (give below)		Owner er (specify	
(Street) 4.]			4. If Amer	4. If Amendment, Date Original				6. Individual or Joint/Group Filing(Check			
Filed(KENNESAW, GA 30144				Filed(Month/Day/Year)				Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
(City)	(State)	(Zip)	Table	e I - Non-D	erivative S	ecurit	ies Acq	quired, Disposed o	of, or Beneficial	ly Owned	
Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	Execution any	med on Date, if Day/Year)	3. Transaction Code (Instr. 8)	4. Securition(A) or Dis (D) (Instr. 3, 4)	sposed	of	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)	
Common Stock	05/20/2010			A	10,000 (1)	A	\$0	35,000	D		

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)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amou	nt of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	Bene
	Derivative				Securities			(Instr.	3 and 4)		Owne
	Security				Acquired						Follo
	·				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						`
					4, and 5)						
					, ,						
									Amount		
						Date	Expiration		or		
						Exercisable Date	-	Title	Number		
							Dute		of		
				Code V	(A) (D)				Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
ACKERMAN THOMAS F							
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CRYOLIFE, INC. 1655 ROBERTS BLVD., NW KENNESAW, GA 30144

X

## **Signatures**

/s/ Thomas F. 05/24/2010 Ackerman

**Signature of Reporting Date 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).

Deletionship

Represents shares of restricted stock that vest on the first anniversary of the grant date if the reporting person remains a member of the

(1) Company's board of directors, subject to earlier vesting upon certain events including death, disability and retirement from the board after serving out his full term because the director is not standing for re-election at the end of the term.

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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