### LAVIOLETTE PAUL A

Form 4 May 21, 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

January 31, Expires:

**OMB APPROVAL** 

2005

0.5

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Check this box

obligations may continue. See Instruction

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).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person \* LAVIOLETTE PAUL A

(First)

(State)

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

(Middle)

(Zip)

3. Date of Earliest Transaction

THORATEC CORP [THOR]

(Month/Day/Year)

05/19/2010

(Check all applicable)

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

6035 STONERIDGE DRIVE

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Applicable Line) \_X\_ Form filed by One Reporting Person

Form filed by More than One Reporting Person

(Street)

Filed(Month/Day/Year)

PLEASANTON, CA 94588

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

1.Title of 2. Transaction Date 2A. Deemed Security (Month/Day/Year) Execution Date, if (Instr. 3) (Month/Day/Year)

4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following

6. Ownership 7. Nature of Form: Direct Indirect (D) or Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

Reported Transaction(s)

or (Instr. 3 and 4) Price

Common Stock (1)

05/19/2010<sup>(2)</sup>

Code V Amount (D) 5,000

\$0 (3)

(A)

12,000

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)

#### Edgar Filing: LAVIOLETTE PAUL A - Form 4

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title an	nd 8. Price o	f 9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ate	Amount o	of Derivativ	e Deriv
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underlyin	g Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	r) (Instr. 8) Derivative				Securities	(Instr. 5)	Bene
	Derivative				Securities		(Instr. 3 an	nd 4)	Own	
	Security				Acquired					Follo
					(A) or					Repo
					Disposed					Trans
					of (D)					(Instr
					(Instr. 3,					
					4, and 5)					
				Code V	(A) (D)	Date	Expiration	Title Am	nount	
					( ) ( )	Exercisable	Date	or		
								Nu	mber	
								of		
									ares	

# **Reporting Owners**

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
LAVIOLETTE PAUL A 6035 STONERIDGE DRIVE PLEASANTON, CA 94588	X						

### **Signatures**

/s/ David A. Lehman, 05/20/2010 Attorney-In-Fact

\*\*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).
- Represents restricted stock units. Each restricted stock unit represents a right to receive one share of Thoratec Corporation common stock (1) upon vesting. The restricted stock units vest in four equal annual installments commencing one year after the grant date.
- (2) Annual stock grant according to the Company's 2006 Incentive Stock Plan.
- The restricted stock units were granted pursuant to the Company's 2006 Incentive Stock Plan with no payment received for the restricted

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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