MULVENA DANIEL M

Form 4

February 24, 2005

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

OMB APPROVAL

January 31, 2005

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Check this box if no longer subject to Section 16. Form 4 or Form 5

obligations

may continue.

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 See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Last)

(City)

(Print or Type Responses)

1. Name and Address of Reporting Person * MULVENA DANIEL M

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to

Issuer

THORATEC CORP [THOR]

(First) (Middle)

3. Date of Earliest Transaction

(Month/Day/Year) 02/24/2005

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

(Check all applicable)

below)

6035 STONERIDGE DRIVE

4. If Amendment, Date Original Filed(Month/Day/Year)

Applicable Line)

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

6. Individual or Joint/Group Filing(Check

Person

PLEASANTON, CA 94588

(State) (Zip)

(Street)

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

1.Title of 2. Transaction Date 2A. Deemed Security (Instr. 3)

(Month/Day/Year) Execution Date, if (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 (I) Following (Instr. 4)

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

Reported (A) Transaction(s) or (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.

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number	6. Date Exercisable and	7. Title and Am
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	onof Derivative	Expiration Date	Underlying Sec
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and 4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired		

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Derivative (A) or Security Disposed of (D)

(Instr. 3, 4, and 5)

Code V (A) (D) Date Exercisable Expiration Title

Date

Non-Qualified

Stock Option \$ 11.8 02/24/2005 (right to buy)

Α 1,875 02/24/2005(1) 02/24/2010

Common Stock

A

or N of Sl

Reporting Owners

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

MULVENA DANIEL M X 6035 STONERIDGE DRIVE PLEASANTON, CA 94588

Signatures

/s/D. Keith Grossman, Attorney-In-Fact

02/24/2005

**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).
- This option is 100% vested on the grant date.
- This option was granted pursuant to the Company's equity incentive plans as a non-qualified option with no payment received for the **(2)** option.

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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