

Burbach Gerhard F
 Form 4
 June 07, 2010

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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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 *
 Burbach Gerhard F

2. Issuer Name and Ticker or Trading Symbol
 THORATEC CORP [THOR]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 6035 STONERIDGE DRIVE

3. Date of Earliest Transaction (Month/Day/Year)
 06/03/2010

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

Chief Executive Officer

(Street)
 PLEASANTON, CA 94588

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

(City) (State) (Zip)

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	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)
			Code	V Amount (A) or (D) Price			
Common Stock	03/15/2010		G	V 350 ⁽³⁾ D \$ 0	172,848	D	
Common Stock	06/03/2010 ⁽⁴⁾		M	37,500 A \$ 14.97	210,348	D	
Common Stock	06/03/2010 ⁽⁴⁾		M	7,500 A \$ 17.91	217,848	D	
Common Stock	06/03/2010 ⁽⁴⁾		S	85,995 D \$ 44.2858 ⁽⁵⁾	131,853	D	
Common Stock	06/03/2010 ⁽⁴⁾		S	14,005 D \$ 44.913 ⁽⁶⁾	117,848	D	

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- (4) Options exercised and shares of Common Stock sold pursuant to a Sales Plan established by the Reporting Person on May 3, 2010, which Sales Plan is intended to comply with the requirements of Rule 10b5-1(c)(1) under the Securities Exchange Act of 1934, as amended.

(5) This transaction was executed in multiple trades in prices ranging from \$43.60 to \$44.55. The price reported above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.

(6) This transaction was executed in multiple trades in prices ranging from \$44.60 to \$45.48. The price reported above reflects the weighted average sale price. The Reporting Person hereby undertakes to provide upon request to the SEC staff, the Issuer, or a stockholder of the Issuer, information regarding the number of shares and prices at which the transaction was effected.

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.