

THORATEC CORP  
Form 8-K  
June 25, 2007

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**  
**FORM 8-K**  
**CURRENT REPORT**  
**Pursuant to Section 13 OR 15(d) of**  
**The Securities Exchange Act of 1934**

**Date of Report (Date of earliest event reported): June 19, 2007**

**THORATEC CORPORATION**  
(Exact name of registrant as specified in its charter)

**California**  
(State or other jurisdiction  
of incorporation)

**000-49798**  
(Commission file number)

**94-2340464**  
(I.R.S. Employer  
Identification Number)

**6035 Stoneridge Drive**  
**Pleasanton, California**  
(Address of principal executive offices)

**94588**  
(Zip Code)

Registrant's telephone number, including area code: (925) 847-8600

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 5.02. Departure of Directors or Certain Officers; Election of Directors; Appointment of Certain Officers; Compensatory Arrangements of Certain Officers.**

(d)

On June 21, 2007, Thoratec Corporation (the Company ) issued a press release, which is furnished herewith as Exhibit 99.1, announcing that its Board of Directors (the Board ) unanimously elected Elisha Finney as a member of the Board and the Audit Committee of the Board effective as of June 19, 2007, with Ms. Finney's service on the Board to begin as of July 1, 2007. Pursuant to the Company's 2006 Incentive Stock Plan, effective as of the date that Ms. Finney commences service on the Board, she will be automatically granted seven thousand (7,000) restricted shares of Company Common Stock, which shares will vest in four equal installments on the first four anniversaries of their grant date. Ms. Finney will also receive the standard Board member annual retainer and meeting fees, and committee retainers and meeting fees as applicable, as described in the Company's Proxy Statement for its 2007 Annual Meeting of Shareholders filed on Schedule 14A with the Securities and Exchange Commission on April 20, 2007.

**Item 9.01. Financial Statements and Exhibits.**

(c) Exhibits

Exhibit	Description
99.1	Press Release of Thoratec Corporation, dated June 21, 2007.

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**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: June 22, 2007

THORATEC CORPORATION

By: /s/ Gerhard F. Burbach

Gerhard F. Burbach

*President and Chief Executive Officer*

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EXHIBIT INDEX

Exhibit	Description
99.1	Press Release of Thoratec Corporation, dated June 21, 2007.