THORATEC CORP Form S-8 August 22, 2011

As filed with the Securities and Exchange Commission on August 22, 2011

Registration No. 333-

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549

FORM S-8

REGISTRATION STATEMENT UNDER THE SECURITIES ACT OF 1933

THORATEC CORPORATION

(Exact name of registrant as specified in its charter)

California

(State or other jurisdiction of incorporation or organization)

94-2340464

(I.R.S. employer identification No.)

6035 Stoneridge Drive, Pleasanton, California 94588

(Address of principal executive offices)

2002 EMPLOYEE STOCK PURCHASE PLAN

(Full title of the Plan)

Gerhard F. Burbach Thoratec Corporation 6035 Stoneridge Drive Pleasanton, California 94588

(Name and address of agent for service)

(925) 847-8600

(Telephone number, including area code, of agent for service)

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act. (Check one):

CALCULATION OF REGISTRATION FEE

Title of securities to be registered (1) 2002 Employee Stock	Amount to be registered (2)	Proposed maximu offering price per sha		Proposed ma aggregate offering		Amount registratio	
Purchase Plan, Common Stock, no par value	250,000		31.845	т	7,961,150		924.29
(1) Each share of Common Stoc Agreement (as defined herein), v purchase rights will not be exerc	will include a preferred share	purchase right. Prior to	the occi			_	
(2) Pursuant to Rule 416(a), this connection with any stock split, the number of the outstanding sh registration statement also cover herein.	stock dividend or similar tran ares of Common Stock. In ac	nsaction effected witho ddition, pursuant to Ru	ut the rec le 416(c)	ceipt of considerate under the Securit	ion, which res	sults in an inc 3, as amendo	ed, this
(3) Estimated solely for the purp 1933, as amended, the price per Stock of Thoratec Corporation o	share and aggregate offering	price are based upon th	ne averag	ge of the high and			

INCORPORATION OF CERTAIN INFORMATION BY REFERENCE PURSUANT TO GENERAL INSTRUCTION E OF FORM S-8

This Registration Statement on Form S-8 is filed by Thoratec Corporation, a California corporation (Thoratec), relating to 250,000 shares of its common stock, no par value (the Common Stock), issuable to eligible employees and consultants of Thoratec and its affiliates under the 2002 Employee Stock Purchase Plan (the Stock Purchase Plan). On June 19, 2002, June 15, 2006, April 30, 2008 and April 28, 2009, Thoratec filed with the Securities and Exchange Commission (the Commission) Registration Statements on Form S-8 (Registration No. 333-90768, No. 333-135047, No. 333-150527 and No. 333-158860, respectively) and on July 1, 2002, Thoratec filed with the Commission Post-Effective Amendment No. 1 to Registration Statement No. 333-90768 (together, the Prior Registration Statements) relating to shares of Common Stock issuable to eligible employees and consultants of Thoratec and its affiliates under the Stock Purchase Plan. The Prior Registration Statements are currently effective. This Registration Statement relates to securities of the same class as those to which the Prior Registration Statements relate and is submitted in accordance with Section E of the General Instructions to Form S-8 regarding Registration of Additional Securities. Pursuant to Section E of the General Instructions to Form S-8, the contents of the Prior Registration Statements are incorporated herein by reference and made part of this Registration Statement, except as amended hereby.

ITEM 3. INCORPORATION OF DOCUMENTS BY REFERENCE

The following documents filed with the Commission by Thoratec are incorporated by reference in this Registration Statement:
(a) Thoratec s Annual Report on Form 10-K for the fiscal year ended January 1, 2011, filed with the Commission on February 23, 2011, including all material incorporated by reference therein;
(b) Thoratec s Quarterly Report on Form 10-Q for the quarterly period ended April 2, 2011, filed with the Commission on May 3, 2011;
(c) Thoratec s Quarterly Report on Form 10-Q for the quarterly period ended July 2, 2011, filed with the Commission on August 4, 2011;
(d) Thoratec s Current Reports on Form 8-K filed with the Commission on February 14, 2011, March 4, 2011, May 26, 2011, June 10, 2011 and August 3, 2011;
(e) The description of Thoratec s common stock contained in Thoratec s registration statement on Form 8-A, filed with the Commission on May 18, 1981, under the Securities Exchange Act of 1934, as amended (Exchange Act), including any amendment or reports filed for the purpose of updating that description; and

(f) The description of Thoratec s Rights Agreement, dated as of May 2, 2002, by and between Thoratec and Computershare Trust Company, Inc. (the Rights Agreement), and Preferred Stock Purchase Rights, each contained in Thoratec s registration statement on Form 8-A, filed with the Commission on May 3, 2002, under the Exchange Act, including any amendment or reports filed for the purpose of updating that description.

All documents subsequently filed by Thoratec pursuant to Sections 13(a), 13(c), 14 and 15(d) of the Exchange Act, prior to the filing of a post-effective amendment which indicates that all securities offered hereby have been sold or which deregisters all securities then remaining unsold, shall be deemed to be incorporated by reference in this Registration Statement and to be part thereof from the date of filing of such documents; provided, however, that Thoratec is not incorporating any information furnished in any Current Report on Form 8-K.

Any document, and any statement contained in a document, incorporated or deemed to be incorporated by reference herein shall be deemed to be modified or superseded for purposes of this Registration Statement to the extent that a statement contained herein, or in any other subsequently filed document that also is incorporated or deemed to be incorporated by reference herein, modifies or supersedes such document or statement. Any such document or statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this Registration Statement. Subject to the foregoing, all information appearing in this Registration Statement is qualified in its entirety by the information appearing in the documents incorporated by reference herein.

ITEM 8. EXHIBITS

Exhibit Number	Exhibit
5.1	Opinion of Latham & Watkins LLP
23.1	Consent of Independent Registered Public Accounting Firm Deloitte & Touche LLP
23.2	Consent of Latham & Watkins LLP (contained in Exhibit 5.1)
24.1	Power of Attorney (included on the signature pages to this Registration Statement on Form S-8)
99.1	2002 Employee Stock Purchase Plan (1)

⁽¹⁾ Filed as an Exhibit to Thoratec s Form S-8 POS filed with the SEC on July 1, 2002 (Registration No. 333-90768) and incorporated herein by reference.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-8 and has duly caused this Registration Statement on Form S-8 to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Pleasanton, State of California, on this 22nd day of August, 2011.

THORATEC CORPORATION

By: /s/ Gerhard F. Burbach

Gerhard F. Burbach

President and Chief Executive Officer

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS that each person whose signature appears below constitutes and appoints Gerhard F. Burbach and David A. Lehman, and each of them, his or her true and lawful attorney-in-fact, with full power of substitution and resubstitution, to act for him or her and in his or her name, place and stead, in any and all capacities to sign any and all amendments (including post-effective amendments) to this Registration Statement on Form S-8 and to file the same, with all exhibits thereto, and all documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact and agents, and each of them, full power and authority to do and perform each and every act and thing which they, or any of them, may deem necessary or advisable to be done in connection with this Registration Statement on Form S-8 as fully to all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents or any of them, or any substitute or substitutes for any or all of them, may lawfully do or cause to be done by virtue hereof.

In accordance with the Securities Act of 1933, as amended, this Registration Statement has been signed below by the following persons on behalf of Thoratec Corporation and in the capacities and on the dates indicated.

Signature	Title	Date
/s/ Gerhard F. Burbach Gerhard F. Burbach	Chief Executive Officer, President and Director	August 22, 2011
/s/ Roxanne Oulman Roxanne Oulman	Interim Chief Financial Officer	August 22, 2011
/s/ Neil F. Dimick	Director and Chairman of the	August 22, 2011

Neil F. Dimick Board of Directors

/s/ J. Daniel Cole Director August 22, 2011 J. Daniel Cole

/s/ Steven H. Collis Steven H. Collis	Director	August 22, 2011
/s/ Elisha W. Finney Elisha W. Finney	Director	August 22, 2011
/s/ D. Keith Grossman D. Keith Grossman	Director	August 22, 2011
/s/ Paul A. LaViolette Paul A. LaViolette	Director	August 22, 2011
/s/ Daniel M. Mulvena Daniel M. Mulvena	Director	August 22, 2011

INDEX TO EXHIBITS

Exhibit Number	Exhibit
5.1	Opinion of Latham & Watkins LLP
23.1	Consent of Independent Registered Public Accounting Firm Deloitte & Touche LLP
23.2	Consent of Latham & Watkins LLP (contained in Exhibit 5.1)
24.1	Power of Attorney (included on the signature pages to this Registration Statement on Form S-8)
99.1	2002 Employee Stock Purchase Plan (1)

⁽¹⁾ Filed as an Exhibit to Thoratec s Form S-8 POS filed with the SEC on July 1, 2002 (Registration No. 333-90768) and incorporated herein by reference.