

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3745342

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KEVIN J. POWELL	05/02/2012
DANIEL A. WALTERS	05/02/2012
WILLIAM JAMES REPKA	05/02/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THORATEC CORPORATION
<b>Street Address:</b>	6101 STONERIDGE DRIVE
<b>City:</b>	PLEASANTON
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94588
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14858354
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)760-9502
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	9497600404
<b>Email:</b>	efiling@knobbe.com
<b>Correspondent Name:</b>	KNOBBE, MARTENS, OLSON & BEAR LLP
<b>Address Line 1:</b>	2040 MAIN STREET
<b>Address Line 2:</b>	14TH FLOOR
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92614
<b>ATTORNEY DOCKET NUMBER:</b>	THOR.045C1
<b>NAME OF SUBMITTER:</b>	PAUL STELLMAN
<b>SIGNATURE:</b>	/Paul Stellman/
<b>DATE SIGNED:</b>	02/18/2016
<b>Total Attachments: 4</b>	
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## ASSIGNMENT

WHEREAS, Datascope Corp., a Delaware Corporation having a place of business at 15 Law Drive, Fairfield, NJ 07004, and Thoratec Corporation, a California Corporation having a place of business at 6101 Stoneridge Drive, Pleasanton, CA 94588, are parties to (i) a Technology Purchase Agreement dated January 25, 2010, pursuant to which Thoratec Corporation has acquired all of Datascope Corp.'s right, title, and interest in and to the Purchased Assets as set forth therein; (ii) a Transition Services Agreement entered into on January 25, 2010, pursuant to which Datascope Corp. agreed to provide Thoratec Corporation with certain transition services as set forth therein; and (iii) an Assignment of Patents entered into as of January 25, 2010, pursuant to which Thoratec Corporation acquired all of Datascope Corp.'s right, title, and interest in and to the Assigned Patents as set forth therein;

AND WHEREAS, Kevin J. Powell, a US citizen, residing in Glen Gardner, NJ, Daniel A. Walters, a US citizen, residing in Rockaway Twp., NJ, and William James Repka, a US citizen, residing in Parsippany-Troy Hills, NJ (individuals collectively hereinafter referred to as "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries within the scope of the Purchased Assets for which application serial numbers 61/430,537 and 13/345,597 for Letters Patent in the United States have been prepared for filing with the United States Patent and Trademark Office (hereinafter the "Application");

AND WHEREAS, Thoratec Corporation, a California Corporation, with its principal place of business at 6101 Stoneridge Drive, Pleasanton, CA 94588 (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application:

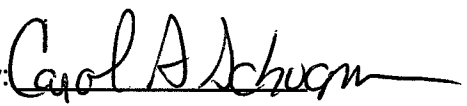
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and any work product as set forth in Section 4 of the Transition Services Agreement, including all nonprovisional applications claiming priority thereto that have been or may hereafter be filed; such filings including, all divisions, continuations, continuations-in-part, reissues, and reexaminations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of MAY, 2012.

**CAROL A. SCHUGMANN**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires 6/30/2014

  
\_\_\_\_\_  
Kevin J. Powell

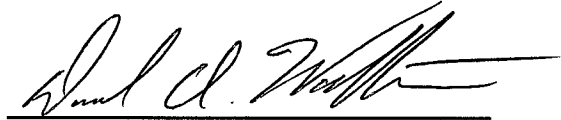
Witnessed by:   
Date: 5-2-12

Witnessed by: \_\_\_\_\_

Date: \_\_\_\_\_

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2<sup>nd</sup> day of MAY, 2012.

**CAROL A. SCHUGMANN**  
**NOTARY PUBLIC OF NEW JERSEY**  
**My Commission Expires 6/30/2014**



Daniel A. Walters

Witnessed by: Carol A. Schugmann

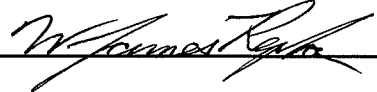
Date: 5-2-12

Witnessed by: \_\_\_\_\_

Date: \_\_\_\_\_

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2<sup>nd</sup> day of MAY, 2012.

**CAROL A. SCHUGMANN**  
NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires 6/30/2014

  
\_\_\_\_\_  
William James Repka

Witnessed by: Carol A Schugmann  
Date: 5-2-12

Witnessed by: \_\_\_\_\_  
Date: \_\_\_\_\_