PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ALEXANDER MEDVEDEV	11/19/2015
MUHAMMAD SAMI	11/19/2015

RECEIVING PARTY DATA

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Street Address:	6035 STONERIDGE DRIVE
City:	PLEASANTON
State/Country:	CALIFORNIA
Postal Code:	94588

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17135425	

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	096206-007830US-1219970	
NAME OF SUBMITTER:	KAREN NGUYEN	
SIGNATURE:	/Karen Nguyen/	
DATE SIGNED:	07/12/2022	

Total Attachments: 2

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507380993 PATENT REEL: 060487 FRAME: 0259

ASSIGNMENT (Patent Application)

We, the undersigned, have invented certain inventions and improvements disclosed in a utility (provisional or non-provisional) patent application entitled:

"Pressure/Flow Characteristic Modification of a Centrifugal Pump in a Ventricular Assist Device," filed with the U.S. Patent & Trademark Office on November 16, 2015, and assigned social no. 62/255,774.

For good and valuable consideration, the receipt and sufficiency of which We acknowledge, We:

- Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to Thoratec Corporation, having a principal place of business at 6035 Stoneridge Drive, Pleasanton, CA 94588 ("Assignee"), the entire right, title, and interest in and to:
 - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
 - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including

PATENT REEL: 060487 FRAME: 0260 ASSIGNMENT Attorney Docket No. 096206-0959891 (007800US) Client Ref. No. THOR-P06068A Page 2 of 2

provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

- 2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
- 3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
- 4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon me, as well as my heirs, legal representatives, and assigns.
- 5. Promise and affirm that We have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the date indicated beside our signatures.

RECORDED: 07/12/2022

Signature:	Olex Medo 5	Date:	11/19/2015
	Alexander Medvedev	-	
Signature:	Muhammad Sami	Date:_	11/19/2015

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