

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| EUGENE JANSEN | 11/23/2020 |
| RYAN YOUNG | 11/19/2020 |
| RECEIVING PARTY DATA | |
| Name: | THERMAL AND FLUIDS SOLUTIONS GROUP, LLC |
| Street Address: | 357 DECATUR ROAD |
| City: | STAFFORD |
| State/Country: | VIRGINIA |
| Postal Code: | 22554 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 17104339 |
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| ATTORNEY DOCKET NUMBER: | 15448-983 (2020ID00192) |
| NAME OF SUBMITTER: | MICHAEL E. HUSSEY |
| SIGNATURE: | /Michael E Hussey/ |
| DATE SIGNED: | 11/25/2020 |
| Total Attachments: 2 | |
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| source=15448-983_Executed-Assignment_TFSG#page2.tif | |

Case No. 15448-983 2020ID00192USPRI

ASSIGNMENT

WHEREAS, Eugene Jansen, and Ryan Young, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled **METHODS AND SYSTEMS FOR MEASURING STATE OF CHARGE OF A PHASE CHANGE MATERIAL THERMAL BATTERY**, executed by Assignors on the same date as, or on a date prior to, this Assignment;

WHEREAS, Thermal and Fluids Solutions Group, LLC, a corporation organized and existing under the laws of the State of Virginia, having a place of business at 357 Decatur Road, Stafford, Virginia 22554, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is acknowledged, the Assignors have sold, assigned and transferred, and by these presents sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in the invention and the patent application identified above, and any patents that may issue for the invention in the United States; with the entire right, title and interest in the invention and all patent applications and patents issuing therefrom in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; with the entire right, title and interest in all continuations, continuations-in-part, divisions, renewals and extensions of any of the patent applications and patents defined above; with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignors covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the

prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee exclusive title in all such other patent applications and patents; and that the Assignors will execute and deliver to the Assignee all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

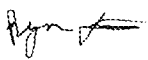
IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: November 23, 2020



Eugene Jansen

DATED: November 19, 2020



Ryan Young