504692801 12/18/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER D. SMOOT	12/01/2017
JOE BOSWELL	12/01/2017
COREY A. WILSON	12/01/2017

RECEIVING PARTY DATA

Name:	THERMAVANT TECHNOLOGIES, LLC	
Street Address:	1000A PANNELL ST.	
City:	COLUMBIA	
State/Country:	MISSOURI	
Postal Code:	65201	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15840708

CORRESPONDENCE DATA

Fax Number: (314)238-2401

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.

Phone: 3142382400

Email: patents@polsterlieder.com

Correspondent Name: POLSTER LIEDER

Address Line 1: 12412 POWERSCOURT DRIVE, SUITE 200

Address Line 2: SCOTT T. GRAY

Address Line 4: ST. LOUIS, MISSOURI 63131

ATTORNEY DOCKET NUMBER:	THET E860U1	
NAME OF SUBMITTER:	SCOTT T. GRAY	
SIGNATURE:	/Scott T. Gray/	
DATE SIGNED:	12/18/2017	

Total Attachments: 4

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PATENT 504692801 REEL: 044423 FRAME: 0089

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WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

THERMAL MANAGEMENT OF ENERGY STORAGE DEVICES VIA OSCILLATING HEAT PIPES

which forms the subject matter of United States provisional patent application filed on <u>December 13, 2016</u>, and assigned Serial No.62/433,613, and United States non-provisional patent application filed <u>December 13, 2017</u>, and assigned Serial No. 15/840,708 , and identified as Attorney's Docket No. THET E860U1, and

WHEREAS, ThermAvant Technologies, LLC, a corporation of the State of Delaware, having its principal place of business at 1000A Pannell St., Columbia, MO 65201, hereinafter referred to as Assignee, is desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to: the said invention as described in the aforesaid application and any and all improvements thereto; said application for patent and all Letters Patent granted therefor in any country to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted; and any and all derivative or continuing applications including any and all divisionals, continuations, continuations-in-part, extensions, renewals and reissues thereof, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title to said invention, the United States application for patent, or Letters Patent therefor, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

Ch. S. J.

12/1/2017

Christopher D. Smoot

Date

809 E. Green Meadows Rd., Apt. 101

Columbia, MO 65201

December 01, 2017

Joe Boswe Date 194 28th Avenue

San Francisco, CA 94121

Corey Wilson 3703 Hwy 179 Jefferson City, MO 65109