PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7978894

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JACOB N. WOHLSTADTER	05/01/2023
BRADLEY CHRISTIANSEN	04/17/2023
MICHAEL VOCK	04/25/2023

RECEIVING PARTY DATA

Name: THERMODYNAMIC DESIGN, LLC	
Street Address: 1601 RESEARCH BOULEVARD	
City:	ROCKVILLE
State/Country:	MARYLAND
Postal Code:	20850

PROPERTY NUMBERS Total: 1

Property Type	Number	
PCT Number:	US0807172	

CORRESPONDENCE DATA

Fax Number: (617)646-8646

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.

6176468000 Phone:

Email: wea.stodomingo@wolfgreenfield.com,

David.Gesner@WolfGreenfield.com

Correspondent Name: DAVID S. GESNER

Address Line 1: WOLF, GREENFIELD & SACKS, P.C.

Address Line 2: **600 ATLANTIC AVENUE**

Address Line 4: BOSTON, MASSACHUSETTS 02210-2211

ATTORNEY DOCKET NUMBER:	W0538.70000WO00
NAME OF SUBMITTER:	DAVID S. GESNER
SIGNATURE:	/David S. Gesner/
DATE SIGNED:	05/30/2023

Total Attachments: 12

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to Thermodynamic Design, LLC, a Delaware Limited Liability Company having a place of business at 1601 Research Boulevard, Rockville, Maryland 20850, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent applications listed on the attached Schedule A, hereinafter referred to as the "APPLICATIONS", and in and to the applications and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. W0538.70007US05

- 5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- 6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

1-1184-2023		
Date	Assignorg	Jaçob N. Wohlstadter
	Address:	A1768 Calla Lilly Ct.
		Palm Beach Gardens, Florida 33418
	Citizenship:	US
Date	Assignor:	Bradley Christiansen
	Address:	6804 Compton Valley Place
		Centreville, Virginia 20121
	Citizenship:	US

Assignor: Michael Vock

Address: 6605 Stableford Drive

Loveland, Ohio 45140

Citizenship: US

Attorney Docket No. W0538.70007US05

Date

SCHEDULE A

WGS Matter Number	Ref. Number	Status	Title	Application Number	Filing Date	Patent Number
W0538.70007WO00	TD0007WO00	National Phase	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	PCT/US2008/007172	6/6/08	
W0538.70007US05	TD0007US03	Allowed	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	16/551526	8/26/19	
W0538.70007US04	TD0007US02	Granted	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	15/156552	5/17/16	10546347

Attorney Docket No. W0538.70007US05

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W0538.70007US03	TD0007US01	Abandoned	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	13/856703	4/4/13	
W0538.70007US02	TD0007US00	Granted	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	12/451946	8/25/10	8442921
W0538.70007US00	TD0007PR00	Expired	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	60/933728	6/8/07	

Attorney Docket No. W0538.70007US05

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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

- Sell, assign and transfer to Thermodynamic Design, LLC, a Delaware Limited Liability 1. Company having a place of business at 1601 Research Boulevard, Rockville, Maryland 20850, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent applications listed on the attached Schedule A, hereinafter referred to as the "APPLICATIONS", and in and to the applications and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
- 2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
- 3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
- 4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. W0538.70007US05

- Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
- Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and 6. on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Date	Assignor:	Jacob N. Wohlstadter

Address: 11788 Calla Lilly Ct.

Palm Beach Gardens, Florida 33418

Citizenship: US

4//7/2023 Date

Address: 6804 Compton Valley Place

Centreville, Virginia 20121

Citizenship: US

Assignor: Michael Vock Oate

Address: 6505 Stableford Orive

Loveland, Ohio 45140

Citizenship: US

Attorney Docket No. W0538,70007US05

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SCHEDULE A

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Patent Number			10546347
Filing Date	80/9/9	8/26/19	5/17/16
Application Number	PCT/US2008/007172	16/551526	15/156552
Title	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME
Status	National Phase	Allowed	Granted
Ref. Number	TD0007WO00	TD0007US03	TD0007US02
WGS Matter Number	W0538.70007WO00	W0538.70007US05	W0538.70007US04

Attorney Docket No. **W0538.70007US05**

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4/4/13	8/25/10	6/8/07
13/856703	12/451946	60/933728
REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME
Abandoned	Granted	Expired
TD0007US01	TD0007US00	TD0007PR00
W0538.70007US03	W0538.70007US02	W0538.70007US00

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13/856703	12/451946	60/933728
REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME	REAL PROPERTY INFORMATION MANAGEMENT, RETENTION AND TRANSFERAL SYSTEM AND METHODS FOR USING SAME
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