

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4863897

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
THAWZALL, LLC	02/01/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TAMARACK INDUSTRIES OF AMERICA, INC.
<b>Street Address:</b>	2736 LAKOTA LANE
<b>Internal Address:</b>	SUITE B
<b>City:</b>	ALEXANDRIA
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	56308
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14076963
<b>Patent Number:</b>	8581148
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(952)896-3333
<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>	952-896-3295
<b>Email:</b>	ipgroup@larkinhoffman.com
<b>Correspondent Name:</b>	TODD R. FRONEK
<b>Address Line 1:</b>	8300 NORMAN CENTER DRIVE
<b>Address Line 2:</b>	SUITE 1000
<b>Address Line 4:</b>	MINNEAPOLIS, MINNESOTA 55437
<b>NAME OF SUBMITTER:</b>	TODD R. FRONEK
<b>SIGNATURE:</b>	/Todd R. Fronek/
<b>DATE SIGNED:</b>	03/13/2018
<b>Total Attachments: 3</b>	
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## PATENT ASSIGNMENT

This Patent Assignment is executed is executed this 1st day of February, 2018 by **THAWZALI, LLC** (hereinafter an "Assignor") in favor of **TAMARACK INDUSTRIES OF AMERICA, INC.** (hereinafter "Assignee").

WHEREAS, Assignor has contributed to or otherwise has an ownership interest in certain inventions as disclosed and/or claimed in the following patent and patent application (collectively the "Patents"):

<b>Patent No.</b>	<b>Application No.</b>	<b>Title</b>	<b>Application Date</b>	<b>Issue Date</b>
8,581,148	13/040,903	Methods and Apparatus Providing Flame-less Heat	March 4, 2011	November 12, 2013
	14/076,963	Methods and Apparatus Providing Flame-less Heat	November 11, 2013	

WHEREAS, Assignor and Assignee are parties to a certain Purchase Agreement of even date herewith (the "Purchase Agreement") under which the Patents are being purchased by Assignee.

WHEREAS, Assignor is executing this Assignment concurrently with the execution of the Purchase Agreement for and for purposes of recordal with the USPTO.

NOW, THEREFORE, pursuant to the Purchase Agreement and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor, does hereby sell, assign, transfer and set over unto Assignee, the entire right, title and interest in and to the Patents and the inventions disclosed and/or claimed therein, and in and to all patents of the United States and in any and all other countries which may issue therefrom, along with all patent applications that relate thereto, including all continuations, continuations-in-part, divisionals, reexaminations and reissues thereof in the United States and the equivalents thereof in any and all foreign countries, however designated, together with all rights to income, royalties, damages and payments now or hereafter due or payable with respect thereto, and to all causes of action (either in law or in equity) associated therewith, including all rights to sue, counterclaim, and recover for any past, present or future infringement thereof and to obtain all other possible remedies for Assignee's own use and enjoyment as fully and completely as the same would have been held by Assignor had this assignment and sale not been made. The said entire right, title and interest shall vest irrevocably in Assignee, and this assignment shall inure to the benefit of Assignee and Assignee's successors and assigns and shall be binding upon Assignor, and Assignor's successors and assigns.

Assignor covenants and agrees, upon request by Assignee, without additional compensation, but at no expense to Assignor, to execute or assent to foreign applications, and to execute all papers, assignments or other documents as requested by Assignee, and Assignor covenants to provide testimony by affidavit or otherwise on behalf of Assignee in any proceeding before the United States Patent and Trademark Office, international or foreign patent authority,

court, or other decision-making body, and that, in general, Assignor covenants to cooperate fully with Assignee as necessary or desirable to vest the enjoyment of, and to secure, perfect, maintain or enforce said entire right, title and interest in and to said Patents and any patents issuing therefrom or related thereto in and to Assignee. Assignor further covenants that no instrument has been executed that is contrary to this Assignment and that Assignor has the authority to execute this Assignment.

The United States Commissioner of Patents and the officials with comparable authority over patents in other countries are hereby authorized and directed to issue in the name of Assignee, or as otherwise directed by Assignee, any and all patents which may issue from said Patent.

IN WITNESS WHEREOF, Assignor has caused this instrument to be duly executed as of the date written above.

**ASSIGNOR:**

**THAWZALL, LLC**

Signed: Keith A. Anderson  
Name: Keith A. Anderson  
Title: Vice President

**ASSIGNEE:**

**TAMARACK INDUSTRIES OF AMERICA, INC.**

Signed: \_\_\_\_\_  
Name: \_\_\_\_\_  
Title: \_\_\_\_\_

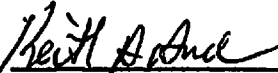
court, or other decision-making body, and that, in general, Assignor covenants to cooperate fully with Assignee as necessary or desirable to vest the enjoyment of, and to secure, perfect, maintain or enforce said entire right, title and interest in and to said Patents and any patents issuing therefrom or related thereto in and to Assignee. Assignor further covenants that no instrument has been executed that is contrary to this Assignment and that Assignor has the authority to execute this Assignment.

The United States Commissioner of Patents and the officials with comparable authority over patents in other countries are hereby authorized and directed to issue in the name of Assignee, or as otherwise directed by Assignee, any and all patents which may issue from said Patent.

IN WITNESS WHEREOF, Assignor has caused this instrument to be duly executed as of the date written above.


**ASSIGNOR:**

**THAWZALL, LLC**

Signed:   
Name: Keith A. Anderson  
Title: Vice President

**ASSIGNEE:**

**TAMARACK INDUSTRIES OF AMERICA, INC.**

Signed:   
Name: Bruce Klassen  
Title: President

4810-6250-5819, v. 1