

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3464885

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	ZINOVY ZALMAN PLAVNIK	07/24/2015
	JASON LYE	07/24/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	HEAT TECHNOLOGIES, INC.	
<b>Street Address:</b>	5040 SPRUCE BLUFF DRIVE	
<b>City:</b>	ATLANTA	
<b>State/Country:</b>	GEORGIA	
<b>Postal Code:</b>	30350	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14808625
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(770)434-7376	
<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>	770-434-6868	
<b>Email:</b>	tjames@taylorenghish.com	
<b>Correspondent Name:</b>	RUSSELL B. DUNLAP	
<b>Address Line 1:</b>	1600 PARKWOOD CIRCLE, SUITE 400	
<b>Address Line 4:</b>	ATLANTA, GEORGIA 30339	
<b>ATTORNEY DOCKET NUMBER:</b>	69705-1030	
<b>NAME OF SUBMITTER:</b>	RUSSELL B. DUNLAP	
<b>SIGNATURE:</b>	/rbd/	
<b>DATE SIGNED:</b>	07/31/2015	
<b>Total Attachments: 4</b>		
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## PATENT ASSIGNMENT

WHEREAS, I, Zinovy Zalman Plavnik, a citizen of the United States of America residing at 5040 Spruce Bluff Drive Atlanta, GA 30350, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **ACOUSTIC-ASSISTED HEAT AND MASS TRANSFER DEVICE**, filed in the United States Patent and Trademark Office on July 24, 2015, bearing Serial No. 14/808,625, and listing as inventor(s): **Zinovy Zalman Plavnik, Jason Lye**;

WHEREAS, **Heat Technologies, Inc.**, a Corporation of the State of **Georgia**, having its principal place of business at **5040 Spruce Bluff Drive, Atlanta, GA 30350** is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Zinovy Zalman Plavnik**, by these presents do sell, assign and transfer unto **Heat Technologies, Inc.**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to any reissues of the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to **Heat Technologies, Inc.** as Assignee, for his or her interest and for his or her sole use and behoof of his or her assigns and legal representatives;

For the same consideration, I, by these presents do sell, assign and transfer to **Heat Technologies, Inc.** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Heat Technologies, Inc.** and or his or her respective designees, insofar as permitted by applicable law,

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Heat Technologies, Inc.** and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world; and

for the same consideration, I hereby authorize the insertion of the filing date and serial number above.

07/24/15  
Date

  
Zinovy Zalman Plavnik

STATE OF Georgia

COUNTY OF Fulton

Before me, a Notary Public in and for the State of Georgia, on this 24 day of July, 2015 personally appeared **Zinovy Zalman Plavnik**, who being duly sworn, signed and acknowledged the foregoing Assignment as his or her free act and deed.

Mary Guardado  
NOTARY PUBLIC  
Fulton County, GEORGIA  
My Commission Expires  
January 5, 2018

  
NOTARY PUBLIC

My Commission Expires: January 5, 2018

PATENT

REEL: 036228 FRAME: 0364

## PATENT ASSIGNMENT

WHEREAS, I, Jason Lye, a citizen of the United States of America residing at 799 Kirkwood Avenue, SE, Atlanta, GA 30316, in the United States of America, have invented certain inventions and improvements disclosed in the Patent Application for United States Patent entitled **ACOUSTIC-ASSISTED HEAT AND MASS TRANSFER DEVICE**, filed in the United States Patent and Trademark Office on July 24, 2015, bearing Serial No. 14/808,625, and listing as inventor(s): **Zinovy Zalman Plavnik, Jason Lye**;

WHEREAS, **Heat Technologies, Inc.**, a Corporation of the State of Georgia, having its principal place of business at **5040 Spruce Bluff Drive, Atlanta, GA 30350** is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, **Jason Lye**, by these presents do sell, assign and transfer unto **Heat Technologies, Inc.**, the full, exclusive and entire right, title and interest: (i) in and to all inventions and improvements disclosed and described in said application, (ii) in and to said application, (iii) in and to any divisional, continuation, and continuation-in-part applications describing in whole or in part said inventions and improvements, preparatory to obtaining Patents of the United States therefore, (iv) in and to any reissues of the aforementioned, (v) in and to any provisional patent applications filed in the United States describing in whole or in part the said inventions and improvements, from which priority may be claimed under Title 35 of the United States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority rights arising from such provisional patent applications; I also hereby acknowledge that an obligation for this assignment and for the assignment of all related subject matter arose before the making of the invention and improvements disclosed and described in said application; and I hereby request the Commissioner of Patents to issue any and all Patents of the United States resulting from said application, or from a division, continuation, continuation-in-part, or reissue thereof, to **Heat Technologies, Inc.** as Assignee, for his or her interest and for his or her sole use and behoof of his or her assigns and legal representatives;

For the same consideration, I, by these presents do sell, assign and transfer to **Heat Technologies, Inc.** the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Heat Technologies, Inc.** and or his or her respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Heat Technologies, Inc.** and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world; and

for the same consideration, I hereby authorize the insertion of the filing date and serial number above.

July 24<sup>th</sup>, 2015  
Date

Jason Lye  
Jason Lye

STATE OF Georgia

COUNTY OF Fulton

Before me, a Notary Public in and for the State of Georgia, on this 24<sup>th</sup> day of July, 2015, personally appeared **Jason Lye**, who being duly sworn, signed and acknowledged the foregoing Assignment as his or her free act and deed.

Samuel Myrick  
NOTARY PUBLIC

My Commission Expires: Jan. 22, 2019

