

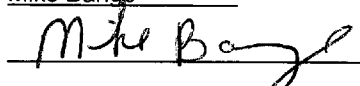
PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5400553

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MIKE BANGE	02/01/2019
SCOTT BOEHMER	01/04/2019
MAGDI KHAIR	01/08/2019
RECEIVING PARTY DATA	
Name:	WATLOW ELECTRIC MANUFACTURING COMPANY
Street Address:	12001 LACKLAND ROAD
City:	ST. LOUIS
State/Country:	MISSOURI
Postal Code:	63146
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16025104
CORRESPONDENCE DATA	
Fax Number:	
<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>	
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Email:	docketing@burrisiplaw.com, megan@burrisiplaw.com
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Address Line 2:	SUITE 1775
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ATTORNEY DOCKET NUMBER:	0100S-000216/US/COE
NAME OF SUBMITTER:	MEGAN PARRISH
SIGNATURE:	/Megan Parrish/
DATE SIGNED:	03/01/2019
Total Attachments: 3	
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source=0100S-000216USCOE Assignment 01Mar2019#page3.tif	

ASSIGNMENT AND DECLARATION (37 C.F.R. 1.63) FOR UTILITY, PROVISIONAL OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 C.F.R. 1.76)

Invention Title	ELECTRIC HEATING ASSISTED PASSIVE AND ACTIVE REGENERATION FOR EFFICIENT EMISSION CONTROLS OF DIESEL ENGINES
<p>This declaration is directed to:</p> <p style="padding-left: 40px;">The attached application, or United States application or PCT international application number 16/025,104 filed on July 2, 2018. (I hereby authorize the insertion of the application filing date and number into this form when they become known.)</p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I hereby state that I have reviewed and understand the contents of the specification in the above-identified application, including the claims.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>I acknowledge my duty to disclose information which is material to patentability as defined in 37 C.F.R. 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.</p> <p>Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto Watlow Electric Manufacturing Company, organized and existing by virtue of the laws of Missouri, having a place of business at 12001 Lackland Road, St. Louis, Missouri, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 16/025,104, Filing Date July 2, 2018), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.</p> <p>And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.</p> <p>And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.</p> <p>I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.</p>	
<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: <u>Mike Bange</u> Date: <u>2/1/2019</u></p> <p>Signature: <u></u></p>	
<p>Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.</p>	

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Pursuant to my employment agreement heretofore made or by contractual obligation, I do sell, assign and set over unto Watlow Electric Manufacturing Company, organized and existing by virtue of the laws of Missouri, having a place of business at 12001 Lackland Road, St. Louis, Missouri, hereinafter referred to as the ASSIGNEE, its successors, assigns or other legal representatives, the entire right, title and interest, domestic and foreign, in and to the inventions and discoveries in the above-identified invention including the right of the ASSIGNEE, its successors, assigns or other legal representatives to make applications and to receive Letters Patent for the inventions and discoveries in any and all countries, entities and intergovernmental organizations, in its or their own name or names, or in my name, at its or their election (and I hereby authorize the ASSIGNEE or ASSIGNEE's attorney to insert the serial/application number and filing date of the application to receive Letters Patent herein: Serial No. 16/025,104, Filing Date July 2, 2018), and I hereby sell, assign and set over to the ASSIGNEE, its successors, assigns or other legal representatives, all rights of priority, including any provisional applications, in and to the inventions and discoveries in any and all countries, entities and intergovernmental organizations including all applications claiming benefit of the filing date hereof, continuations, continuations-in-part, divisionals, reexaminations and reissue applications.

And I hereby agree for myself, my heirs, successors, assigns or other legal representatives to execute any and all papers, including applications for Letters Patent of any and all kinds and in any and all countries, entities and intergovernmental organizations, and to perform any and all acts which the ASSIGNEE, its successors, assigns or other legal representatives may deem necessary to secure thereto the rights herein sold, assigned and set over.

And I hereby represent and warrant that I have not granted any rights inconsistent with the rights granted herein.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years or both.

LEGAL NAME OF INVENTOR
 Inventor: Scott Boehmer Date: 1/4/19
 Signature: Scott H. Boehmer

Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.

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<p>LEGAL NAME OF INVENTOR</p> <p>Inventor: <u>Magdi Khair</u> Date: <u>1/8/19</u></p> <p>Signature: <u><i>Magdi Khair</i></u></p>	
<p>Note: An Application Data Sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional declaration form for each additional inventor.</p>	

PATENT