

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5687971

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KEVIN O'BOYLE	05/23/2019
GLENN D. MATTISON	03/25/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ARVOS LJUNGSTROM LLC
<b>Street Address:</b>	3020 TRUAX ROAD
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<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	14895
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16316215
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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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<b>ATTORNEY DOCKET NUMBER:</b>	1781-0023WOUS
<b>NAME OF SUBMITTER:</b>	ELIZABETH A. GALLETTA
<b>SIGNATURE:</b>	/Elizabeth A. Galletta/
<b>DATE SIGNED:</b>	08/27/2019
<b>Total Attachments: 2</b>	
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## ASSIGNMENT

WHEREAS, we, as below named inventors, residing at the addresses stated below our names, are joint inventors of certain new and useful improvements in METHOD AND SYSTEM FOR IMPROVING BOILER EFFECTIVENESS, for which a non-provisional application was filed in the U.S. Patent and Trademark Office on January 8, 2019 and has been assigned Application No. 16/316,215, which is national stage application of and claims priority to PCT Application No. PCT/US2017/013459, filed on January 13, 2017, which is a continuation application of and claims priority to PCT Application Serial No. PCT/US2016/055958, filed on October 7, 2016, which is a PCT application of and claims priority to US Application No. 15/205,243, filed on July 8, 2016 and subsequently assigned to Arvos Ljungstrom LLC.

WHEREAS, Arvos Ljungstrom LLC (herein referenced as ASSIGNEE), a Delaware corporation having a place of business at 3020 Truax Road, Wellsville, New York 14895, is desirous of confirming its ownership of all rights, title and interest in, to and under said inventions, said applications disclosing the inventions and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

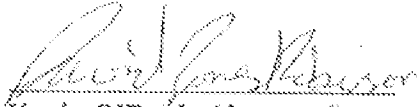
NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, as joint inventors as indicated below have sold, assigned, transferred and set over, and by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the full, exclusive and entire right, title and interest in the said inventions, said applications, and any divisions, continuations and reissues thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and the right to sue and collect damages for past infringement, and to any other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and we hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

AND we further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to us and without further remuneration, in order to perfect title in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

AND we further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reexaminations, reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

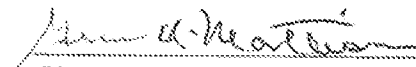
AND we further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to us and will testify as to the same in any reexamination, interference or litigation related thereto;

AND we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

  
Kevin O'Boyle (deceased)  
163 Pump Station Road  
Alma, NY 14708

5/23/19  
Date

By David Jones-Robinson  
Attorney-in-Fact  
ARVOS Ljungstrom LLC

  
Glenn D. Mattison  
63 Potter Road  
Machias, NY 14101

3/25/19  
Date