

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAY OLIVER KNOEPPEL	01/09/2018
RECEIVING PARTY DATA	
Name:	A. O. Smith Corporation
Street Address:	11270 West Park Place
City:	Milwaukee
State/Country:	WISCONSIN
Postal Code:	53224
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16243276
CORRESPONDENCE DATA	
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<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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ATTORNEY DOCKET NUMBER:	010121-2843-US02
NAME OF SUBMITTER:	DANIEL S. JONES
SIGNATURE:	/daniel s. jones/
DATE SIGNED:	11/05/2019
Total Attachments: 3	
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source=010121-2843-US02 PRV Parent Assignment As Filed#page3.tif	

ASSIGNMENT

Pursuant to my obligation to A. O. Smith Corporation (hereinafter referred to as "Assignee"), a Delaware corporation having its principal place of business at:

11270 West Park Place
Milwaukee, WI 53224

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, I:

Ray Oliver Knoeppel
N8691 W316 Palamino Circle
Hartland, WI 53029

("Assignor") confirm my obligation to and hereby irrevocably transfer, assign and convey unto Assignee, and its successors and assigns, my entire worldwide right, title, and interest, free and clear of all liens, encumbrances or other obligations:

(1) in and to the inventions and subject matter described, depicted, claimed, or otherwise disclosed ("the Inventions") in the patent application titled "SYSTEM AND METHOD FOR OPERATING A WATER HEATER" for which we filed United States Patent Application No. 62/615,171 on January 9, 2018 (Atty. File No. 010121-2843-US01) (hereinafter the "U.S. provisional patent application");

(2) in and to the U.S. provisional application and all other patent applications now or hereafter filed in the United States of America (including, without limitation, any non-provisional, divisional, continuation, continuation-in-part, reexamination, and reissue applications) based upon the Inventions or claiming the benefit of or priority to the U.S. provisional patent application or any other patent application assigned under this Assignment, including all rights of priority based on such applications and the right to file such applications in the name of the Assignee, and any and all patents granted thereon to the full end of the term or terms for which said patents may be granted;

(3) in and to all patent applications or other applications of any kind or nature relating to the protection of intellectual and industrial property rights, now or hereafter filed in countries foreign to the United States of America, based upon the Inventions or claiming the benefit of or priority to the U.S. provisional application or any other patent application assigned under this Assignment, including all rights of priority based on such applications and the right to file such applications in the name of the Assignee, and any and all patents granted thereon to the full end of the terms for which said patents may be granted;

(4) in and to all patent applications or other applications of any kind or nature relating to the protection of intellectual and industrial property rights now or hereafter filed under the Paris Convention for the Protection Of Industrial Property, the Patent Cooperation Treaty, and all other international conventions, agreements, treaties or laws relating to the protection of intellectual and industrial property based upon the Inventions or claiming the benefit of or priority to the U.S. provisional application or any other patent application assigned under this Assignment, including all rights of priority based on such applications and the right to file such applications in the name of the Assignee, and any and all patents granted thereon to the full end of the terms for which said patents may be granted;

(5) in and to all rights of any kind whatsoever of Assignors accruing before, on, or after the dates of execution below under any of the foregoing provisions provided by applicable law of any jurisdiction, by international treaties and conventions, and otherwise throughout the world, acknowledging that some rights may have already accrued to the Assignee under such applicable laws; and

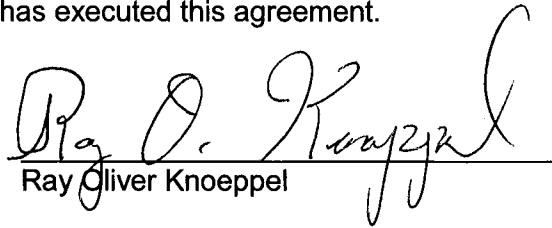
(6) any and all claims and causes of action, with respect to any of the foregoing, whether accruing before, on, or after the dates of execution below, including all rights to and claims for damages, restitution and injunctive and other legal and equitable relief for past, present and future infringement, misappropriation, violation, misuse, breach or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages.

Assignor hereby agrees that Assignor will, upon demand of Assignee, its successors, assigns, or legal representatives, and without further consideration to Assignor, execute any and all papers and do all other lawful acts that may be deemed necessary by Assignee, its successors, assigns, or legal representatives, to complete fulfillment of the intent and purposes of this Assignment in any country throughout the world. Any expenses incident to the execution of such papers and performance of such acts shall be paid by the Assignee, its successors, assigns, or legal representatives.

Assignor hereby authorizes and requests the Commissioner of the United States Patent and Trademark Office and the appropriate official of any foreign patent or intellectual property office to issue all patents as shall be granted upon the assigned patent applications to Assignee, its successors, assigns, or legal representatives.

IN TESTIMONY WHEREOF, the Assignor has executed this agreement.

DATED: 1/9/2018


Ray Oliver Knoeppel