

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JIANMIN YIN	07/13/2020
MATTHEW W. CRITCHLEY	07/13/2020
QUINN THOMAS KELLER	07/13/2020
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:	16538514
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	010121-3203-US01
NAME OF SUBMITTER:	DANIEL S. JONES
SIGNATURE:	/daniel s. jones/
DATE SIGNED:	07/15/2020
Total Attachments: 3	
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ASSIGNMENT

Pursuant to our 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,
We:

Jianmin Yin
N74W13737 Appleton Ave
Menomonee Falls, WI 53051

Matthew W. Critchley
319 E Rosedale Ave.
Milwaukee, WI 53207

Quinn Thomas Keller
102 Roddinglaw Ct.
Aberdeen, NC 28315

("Assignors") confirm our obligation to and hereby irrevocably transfer, assign and convey unto Assignee, and its successors and assigns, our 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 "LEAKAGE DETECTION IN CONDENSING WATER HEATER" for which we filed United States Patent Application No. 16/538,514, filed on August 12, 2019 (Atty. File No. 010121-3203-US01) (hereinafter the "U.S. non-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 Assignor 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.

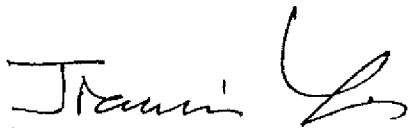
Assignors hereby authorize the Assignee or attorney of record to insert in the appropriate place in this document the application number of my application after execution of this Assignment. Assignor hereby agrees that Assignor will, upon demand of Assignee, its successors, assigns, or legal representatives, and without further consideration to Assignors, 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.

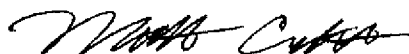
Assignors hereby authorize and request the Commissioner of the United States Patent and Trademark Office and the appropriate official of any foreign patent or intellectual property office to issue all patents as shall be granted upon the assigned patent applications to Assignee, its successors, assigns,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

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED: 7/13/2020


Jianmin Yin

DATED: 7/13/2020


Matthew W. Critchley

DATED: 7/13/2020


Quinn Thomas Keller