

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5436404

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RICHARD W. COWAN	03/19/2019
DANIEL J. TRICE	03/14/2019
RECEIVING PARTY DATA	
Name:	MIDEA GROUP CO., LTD.
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State/Country:	CHINA
Postal Code:	528311
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16358293
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SIGNATURE:	/Alexander P. Brackett/
DATE SIGNED:	03/22/2019
Total Attachments: 2	
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**DECLARATION (37 C.F.R. 1.63) FOR UTILITY PATENT APPLICATION USING AN
APPLICATION DATA SHEET (37 C.F.R. 1.76) AND ASSIGNMENT**

Declaration

Title of Invention: DIGITAL GAS VALVE BURNER CONTROL SYSTEMS AND
METHODS

As a below named inventor, I hereby declare that:

This declaration is directed to [check the appropriate box below]:

[] the attached application, or

[X] United States application or PCT international application number 16/358,293
filed on March 19, 2019.

The above-identified application ("Application") was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the Application.

I have reviewed and understand the contents of the Application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 CFR Section 1.56.

Assignment

WHEREAS, I ("Assignor") have made certain inventions, improvements, and discoveries (the "Invention") disclosed in the above-identified Application;

AND WHEREAS, **Midea Group Co., Ltd.**, a company of P.R. China having a place of business at No. 6, Midea Avenue, Beijiao, Shunde, Foshan, Guangdong, P.R. China 528311, together with any successors, legal representatives or assigns thereof (collectively, the "Assignee"), desire to acquire, and Assignor desires to grant to the Assignee, the entire right, title, and interest in and to the Intellectual Property (defined below), and any United States and foreign patents to be obtained therefor;

NOW THEREFORE, the Assignor hereby assigns, conveys, and transfers unto Assignee, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the entire right, title, and interest in and to: said Invention; said Application, including any and all divisions, continuations, continuations-in-part, provisionals, or other applications to which said application claims priority, non-provisionals claiming priority to or having any relationship to any of the aforesaid, and reissues and reexaminations thereof; any and all foreign and PCT applications claiming priority to any of the aforesaid; any and all Letters Patent of the United States and all countries foreign thereto, which may be granted or have been granted for any of

the aforesaid, and any and all reissues and reexaminations thereof; any and all priority rights, convention rights, and other benefits accruing or to accrue to the Assignor with respect to the filing of applications for patents or the securing of patents in the United States and countries foreign thereto; and any and all rights to recover damages for past infringement of any and all said Letters Patent (collectively, all of the aforesaid the "Intellectual Property");

AND THE ASSIGNOR HEREBY AGREES to sign and execute all necessary and lawful future documents, including additional applications related to the Intellectual Property, and/or any applications for reissue or reexamination of any Letters Patent which may be granted for said Intellectual Property, which the Assignee may from time to time require and prepare at Assignee's expense;

AND THE ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the United States Patent and Trademark Office, and any offices of foreign countries whose duty it is to issue patents, to issue any Letters Patent granted upon said application and for said Invention to Assignee.

AND THE ASSIGNOR HEREBY ACKNOWLEDGES Assignor's prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the Assignee, and Assignor is unaware of any reason why Assignor may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Assignor also hereby grants the Assignee, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, Patent Application Number) which may be necessary or desirable for recordation of this Assignment.

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 **Richard W. Cowan**
Inventor:

Signature: *Richard W. Cowan* Date: 3/14/19

Witness: *Xuan Wang* Date: 3/19/19

Legal Name of **Daniel J. Trice**
Inventor:

Signature: *Dan J. Trice* Date: 3/14/19

Witness: *Jody Swann* Date: 3/14/19