502837936 06/04/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2884532

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAVID E. DAW	05/31/2014
CODY B. UMBERGER	05/28/2014
MICHAEL C. BORWIG	05/27/2014

RECEIVING PARTY DATA

Name:	HVAC INVENTORS/SYSTEMATION, INC.
Street Address:	P.O. BOX 6207
City:	PROVIDENCE
State/Country:	RHODE ISLAND
Postal Code:	02940

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	61956230
Application Number:	14296084
PCT Number:	US1440902

CORRESPONDENCE DATA

Fax Number: (703)684-8206

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.

Phone: 7036846885

Email: mbreiner@bbpatlaw.com

Correspondent Name: BREINER & BREINER, L.L.C.

Address Line 1: 115 NORTH HENRY STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	8109
NAME OF SUBMITTER:	MARY J. BREINER
SIGNATURE:	/Mary J. Breiner/
DATE SIGNED:	06/04/2014

Total Attachments: 6

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PATENT 502837936 REEL: 033030 FRAME: 0325



PATENT REEL: 033030 FRAME: 0326

JOINT

ASSIGNMENT

WHEREAS, we, DAVID E. DAW, a citizen of the United States residing at 28A Lockwood Street, Cranston, Rhode Island 02905; CODY B. UMBERGER, a citizen of the United States residing at 25 Notch Road, Oak Ridge, New Jersey 07438, and MICHAEL C. BORWIG, a citizen of the United States residing at 1676 Amana Road NW, Swisher, Iowa 52338, have made a certain new and useful invention as set forth in provisional patent application for United States Letters Patent for "APPARATUS AND METHOD FOR INSERTING ANGLE PLATES AND CLOSING DUCT SEAMS" filed on June 4, 2013 under Serial No. 61/956,230 and non-provisional patent application for United States Letters Patent for "APPARATUS AND METHOD FOR INSERTING ANGLE PLATES AND CLOSING DUCT SEAMS" filed June 4, 2014 under Serial No. (the filing date and serial number to be inserted by assignee once obtained); and

WHEREAS, HVAC INVENTORS/SYSTEMATION, INC., a corporation organized under the laws of Texas and having a business address of P.O. Box 6207, Providence, Rhode Island 02940, is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained for said invention.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency thereof being acknowledged, we do hereby sell, assign, transfer, and set over unto the said HVAC INVENTORS/SYSTEMATION, INC., its legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention as set forth in said abovementioned applications, and in and to any and all non-provisional, divisional, continuation, continuation-in-part, reissue or reexamination applications that may be filed for United States or foreign Letters Patent for said invention and in and to all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATION, we do hereby agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, non-provisional, divisional, continuation, continuation-in-part, reissue or reexamination Letters Patent of the United States or of any foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of assignor and assignee; and

PATENT REEL: 033030 FRAME: 0327 Date

INVENTORS/SYSTEMATION, INC., its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in and to said patent and the invention covered thereby.	
5/3//14 Date	DAVID E. DAW
Date	CODY B. UMBERGER

of the United States which may be issued for said invention to said HVAC

I request the Commissioner of Patents and Trademarks to issue any Letters Patent

MICHAEL C. BORWIG

JOINT 8109

ASSIGNMENT

WHEREAS, we, DAVID E. DAW, a citizen of the United States residing at 28A Lockwood Street, Cranston, Rhode Island 02905; CODY B. UMBERGER, a citizen of the United States residing at 25 Notch Road, Oak Ridge, New Jersey 07438, and MICHAEL C. BORWIG, a citizen of the United States residing at 1676 Amana Road NW, Swisher, Iowa 52338, have made a certain new and useful invention as set forth in provisional patent application for United States Letters Patent for "APPARATUS AND METHOD FOR INSERTING ANGLE PLATES AND CLOSING DUCT SEAMS" filed on June 4, 2013 under Serial No. 61/956,230 and non-provisional patent application for United States Letters Patent for "APPARATUS AND METHOD FOR INSERTING ANGLE PLATES AND CLOSING DUCT SEAMS" filed June 4, (the filing date and serial 2014 under Serial No. number to be inserted by assignee once obtained); and

WHEREAS, HVAC INVENTORS/SYSTEMATION, INC., a corporation organized under the laws of Texas and having a business address of P.O. Box 6207, Providence, Rhode Island 02940, is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained for said invention.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency thereof being acknowledged, we do hereby sell, assign, transfer, and set over unto the said HVAC INVENTORS/SYSTEMATION, INC., its legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention as set forth in said abovementioned applications, and in and to any and all non-provisional, divisional, continuation, continuation-in-part, reissue or reexamination applications that may be filed for United States or foreign Letters Patent for said invention and in and to all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATION, we do hereby agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, non-provisional, divisional, continuation, continuation-in-part, reissue or reexamination Letters Patent of the United States or of any foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of assignor and assignee; and

> Page 1 of 2 **PATENT REEL: 033030 FRAME: 0329**

I request the Commiss	ioner of Patents and Trademarks to issue any Letters Patent
of the United States which ma	y be issued for said invention to said HVAC
INVENTORS/SYSTEMATION, INC	., its legal representatives, successors or assigns, as the sole
	interest in and to said patent and the invention covered
thereby.	•
Date	DAVID E. DAW
5/28/14	Cof B. Uly
	wy o chy
Date	CODY B. UMBERGER
	NOTHER O POPULO
Date	MICHAEL C. BORWIG

JOINT

ASSIGNMENT

WHEREAS, we, DAVID E. DAW, a citizen of the United States residing at 28A Lockwood Street, Cranston, Rhode Island 02905; CODY B. UMBERGER, a citizen of the United States residing at 25 Notch Road, Oak Ridge, New Jersey 07438, and MICHAEL C. BORWIG, a citizen of the United States residing at 1676 Amana Road NW, Swisher, Iowa 52338, have made a certain new and useful invention as set forth in provisional patent application for United States Letters Patent for "APPARATUS AND METHOD FOR INSERTING ANGLE PLATES AND CLOSING DUCT SEAMS" filed on June 4, 2013 under Serial No. 61/956,230 and non-provisional patent application for United States Letters Patent for "APPARATUS AND METHOD FOR INSERTING ANGLE PLATES AND CLOSING DUCT SEAMS" filed June 4, 2014 under Serial No. (the filing date and serial number to be inserted by assignee once obtained); and

WHEREAS, HVAC INVENTORS/SYSTEMATION, INC., a corporation organized under the laws of Texas and having a business address of P.O. Box 6207, Providence, Rhode Island 02940, is desirous of acquiring the entire right, title, and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries which may be obtained for said invention.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency thereof being acknowledged, we do hereby sell, assign, transfer, and set over unto the said HVAC INVENTORS/SYSTEMATION, INC., its legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention as set forth in said above-mentioned applications, and in and to any and all non-provisional, divisional, continuation, continuation-in-part, reissue or reexamination applications that may be filed for United States or foreign Letters Patent for said invention and in and to all patents of the United States and foreign countries which may be issued for said invention;

UPON SAID CONSIDERATION, we do hereby agree with the said assignee that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we will, at any time upon request, without further or additional consideration, but at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, non-provisional, divisional, continuation, continuation-in-part, reissue or reexamination Letters Patent of the United States or of any foreign countries on said invention, and in enforcing any rights or choses in action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of assignor and assignee; and

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PATENT REEL: 033030 FRAME: 0331

I request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States which may be issued for said invention to said HVAC INVENTORS/SYSTEMATION, INC., its legal representatives, successors or assigns, as the sole owner of the entire right, title, and interest in and to said patent and the invention covered thereby.	
Date	DAVID E. DAW
Date	CODY B. UMBERGER
5-27-2014 Date	Michael C. Bours