504091323 11/10/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4137991

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DANNY MILLER	04/30/2009
JUSTIN SIPE	04/30/2009

RECEIVING PARTY DATA

Name:	PERFORMANCE HEATING AND AIR CONDITIONING, INC.
Street Address:	1012 CENTRAL AVE S
City:	KENT
State/Country:	WASHINGTON
Postal Code:	98032

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14689344

CORRESPONDENCE DATA

Fax Number: (206)340-9599

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: 206.624.8300

Email: patent@millernash.com

Correspondent Name: PETRICH / MILLER NASH GRAHAM & DUNN LLP

Address Line 1: PIER 70, 2801 ALASKAN WAY, SUITE 300

Address Line 4: SEATTLE, WASHINGTON 98121

ATTORNEY DOCKET NUMBER:	557760-0001-09
NAME OF SUBMITTER:	KATHLEEN T. PETRICH
SIGNATURE:	/Kathleen T. Petrich/
DATE SIGNED:	11/10/2016

Total Attachments: 6

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> **PATENT** REEL: 040281 FRAME: 0140 504091323

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PATENT REEL: 040281 FRAME: 0141

ASSIGNMENT OF INVENTION AND PATENT RIGHTS

The Assignor Danny Miller (the "Assignor"), a U.S. citizen and a Washington resident, has co-invented an invention entitled "Roof-Top Package Unit Energy Saver" [the parties acknowledge that the actual title may change] and is hereby assigning it and any patent rights emanating therefrom to his employer Performance Heating and Air Conditioning, Inc., (the "Assignee") a Washington corporation, having a principal place of business in Kent, Washington, and of which is desirous in obtaining the entire ownership rights Assignor has in the invention and any patent rights emanating therefrom.

In consideration for the sum of \$10.00 and other good and valuable consideration, the sufficiency of which is hereby acknowledged, the Assignor hereby assigns his entire right, title, and interest in the above-referenced invention, and any patent rights emanating therefrom, including any divisional, continuation, continuation-in-part, substitution, reissue, reexamination, and foreign patent applications, and patents that issue from same to the Assignee; and Assignor hereby requests that the U.S. Director of Patents and Trademarks issue any U.S. patent directly to the Assignee.

Assignor also agrees that this Assignment includes Assignor's Priority Rights under the International Convention with respect to any and all corresponding foreign applications that may or shall be filed in any country that is a signatory thereto and a member of the union there defined within the Convention period.

Assignor warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this Assignment.

Assignor further agrees that it will, upon request by Assignee, but at Assignee's expense, promptly provide Assignee with all pertinent facts and documents relating to the Invention, and any and all patent applications or patents, both foreign and domestic, as may be known and accessible to the Assignor; and that Assignor will testify to same in any interference, opposition, or litigation related thereto, and will promptly execute and deliver to Assignee or its legal representative any and all papers, instruments, affidavits and/or declarations required to apply for, obtain, maintain, and enforce said application or patent, both foreign and domestic.

SIGNED at Seattle, King County, Washington on 4-30-0.9

Assignor:

Danny Miller

State of Washignton)
) ss
County of King)

On this day of <u>Opril</u> of Danny Miller personally appeared before me and is known to me to be the individual who executed the Assignment, and that he acknowledged that he signed the same of his free and voluntary act and deed and for the uses and purposed mention therein.



Notary Public in and for the State of Washington
Residing in Renton

My commission expires on 10/9/2012.

CONFIRMATION OF ASSIGNMENT OF INVENTION AND PATENT RIGHTS

The Assignor Danny Miller (the "Assignor"), a U.S. citizen and a Washington resident, has co-invented an invention entitled "Energy Reducing Retrofit Method and Apparatus for a Constant Volume HVAC System" which was previously entitled "Roof-Top Package Unit Energy Saver." On April 30, 2009 (copy attached) the Assignor assigned the invention, which at that time was entitled "Roof-Top Package Unit Energy Saver," and any patent rights emanating therefrom to his employer Performance Heating and Air Conditioning, Inc., (the "Assignee") a Washington corporation, having a principal place of business in Kent, Washington, who was desirous in obtaining the entire ownership rights Assignor had in the invention and any patent rights emanating therefrom. The parties acknowledge that the actual title has changed since the invention was assigned to the Assignee on April 30, 2009 (copy attached) and that both the "Energy Reducing Retrofit Method and Apparatus for a Constant Volume HVAC System" and the "Roof-Top Package Unit Energy Saver" inventions are one in the same for which a patent application is to be filed.

For the purposes of this Assignment, this document "CONFIRMATION OF ASSIGNMENT OF INVENTION AND PATENT RIGHTS" and the "ASSIGNMENT OF INVENTION AND PATENT RIGHTS" dated April 30, 2009 (copy attached) are one in the same.

SIGNED at Seattle, King County, Washington on

8-20-2009

Assignor:

Danny Mill

PATENT REEL: 040281 FRAME: 0144

ASSIGNMENT OF INVENTION AND PATENT RIGHTS

The Assignor Justin Sipe (the "Assignor"), a U.S. citizen and a Washington resident, has co-invented an invention entitled "Roof-Top Package Unit Energy Saver" [the parties acknowledge that the actual title may change] and is hereby assigning it and any patent rights emanating therefrom to his employer Performance Heating and Air Conditioning, Inc., (the "Assignee") a Washington corporation, having a principal place of business in Kent, Washington, and of which is desirous in obtaining the entire ownership rights Assignor has in the invention and any patent rights emanating therefrom.

In consideration for the sum of \$10.00 and other good and valuable consideration, the sufficiency of which is hereby acknowledged, the Assignor hereby assigns his entire right, title, and interest in the above-referenced invention, and any patent rights emanating therefrom, including any divisional, continuation, continuation-in-part, substitution, reissue, reexamination, and foreign patent applications, and patents that issue from same to the Assignee; and Assignor hereby requests that the U.S. Director of Patents and Trademarks issue any U.S. patent directly to the Assignee.

Assignor also agrees that this Assignment includes Assignor's Priority Rights under the International Convention with respect to any and all corresponding foreign applications that may or shall be filed in any country that is a signatory thereto and a member of the union there defined within the Convention period.

Assignor warrants that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this Assignment.

Assignor further agrees that it will, upon request by Assignee, but at Assignee's expense, promptly provide Assignee with all pertinent facts and documents relating to the Invention, and any and all patent applications or patents, both foreign and domestic, as may be known and accessible to the Assignor; and that Assignor will testify to same in any interference, opposition, or litigation related thereto, and will promptly execute and deliver to Assignee or its legal representative any and all papers, instruments, affidavits and/or declarations required to apply for, obtain, maintain, and enforce said application or patent, both foreign and domestic.

SIGNED at **LENT**, King County, Washington on 4 30 09.

Assignor:

Justin Sine

Assignment of Invention and Patent Rights Page 1 of 2

State of Washington)
) ss
County of King)

On this day of April, 200, Justin Sipe personally appeared before me and is known to me to be the individual who executed the Assignment, and that he acknowledged that he signed the same of his free and voluntary act and deed and for the uses and purposed mention therein.

Notary Public in and for the State of Washing in Bonder Lake A 9839 My commission expression and the Shirt Commission expression of the Shirt Commission expression and the Shirt Commission and the Shirt Co

CONFIRMATION OF ASSIGNMENT OF INVENTION AND PATENT RIGHTS

The Assignor Justin Sipe (the "Assignor"), a U.S. citizen and a Washington resident, has co-invented an invention entitled "Energy Reducing Retrofit Method and Apparatus for a Constant Volume HVAC System" which was previously entitled "Roof-Top Package Unit Energy Saver." On April 30, 2009 (copy attached) the Assignor assigned the invention, which at that time was entitled "Roof-Top Package Unit Energy Saver," and any patent rights emanating therefrom to his employer Performance Heating and Air Conditioning, Inc., (the "Assignee") a Washington corporation, having a principal place of business in Kent, Washington, who was desirous in obtaining the entire ownership rights Assignor had in the invention and any patent rights emanating therefrom. The parties acknowledge that the actual title has changed since the invention was assigned to the Assignee on April 30, 2009 (copy attached) and that both the "Energy Reducing Retrofit Method and Apparatus for a Constant Volume HVAC System" and the "Roof-Top Package Unit Energy Saver" inventions are one in the same for which a patent application is to be filed.

For the purposes of this Assignment, this document "CONFIRMATION OF ASSIGNMENT OF INVENTION AND PATENT RIGHTS" and the "ASSIGNMENT OF INVENTION AND PATENT RIGHTS" dated April 30, 2009 (copy attached) are one in the same.

SIGNED at SEATLE, King County, Washington on 8/20/09

Assignor:

Justin Sine

Confirmation of Assignment of Invention and Patent Rights Page 1 of 1

PATENT
RECORDED: 11/10/2016 REEL: 040281 FRAME: 0147