502574884 11/19/2013

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT2620801

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
AMIN AKBARIMONFARED	11/13/2013
TIMOTHY J. SHELLENBERGER	11/13/2013
ROBERT STEVEN NEIHOUSE	11/13/2013
SCOTT ALAN WILLBANKS	11/13/2013
DARRYL FARLEY	11/13/2013
NATHAN TAYLOR WHALEN	11/13/2013
SHAWN ALLAN REED	11/13/2013

RECEIVING PARTY DATA

Name:	RHEEM Manufacturing Company
Street Address:	1100 Abernathy Road, N.E., Suite 1400
City:	Atlanta
State/Country:	GEORGIA
Postal Code:	30328

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14084095

CORRESPONDENCE DATA

Fax Number: (214)200-0853 Phone: 214-651-5000

Email: ipdocketing@haynesboone.com

Correspondence will be sent via US Mail when the email attempt is unsuccessful.

Correspondent Name: HAYNES AND BOONE, LLP.
Address Line 1: 2323 VICTORY AVENUE

Address Line 2: SUITE 700

Address Line 4: DALLAS, TEXAS 75219

ATTORNEY DOCKET NUMBER: 38308.238 PATENT

\$40.00 1408409

502574884 REEL: 031633 FRAME: 0394

NAME OF SUBMITTER:	J. RICHARD KONNEKER
Signature:	/J. Richard Konneker/
Date:	11/19/2013
Total Attachments: 5 source=38308-238_Assignment#page1.tif source=38308-238_Assignment#page2.tif source=38308-238_Assignment#page3.tif source=38308-238_Assignment#page4.tif source=38308-238_Assignment#page5.tif	

PATENT REEL: 031633 FRAME: 0395

ASSIGNMENT

WHEREAS. WE.

(1) Amin Akbari	of	Fort Smith, AR 72908 US
(2) Timothy J. Shellenberger	of	Tyrone, GA 30290 US
(3) Robert Steven Neihouse	of	Fort Smith, AR 72916 US
(4) Scott Alan Willbanks	of	Fort Smith, AR 72908 US
(5) Darryl Farley	of	Fort Smith, AR 72904 US
(6) Nathan Taylor Whalen	of	Alma, AR 72921 US
(7) Shawn Allan Reed	of	Charleston AR 72933 US

have invented certain improvements in

FUEL/AIR MIXTURE AND COMBUSTION APPARATUS AND ASSOCIATED METHODS FOR USE IN A FUEL-FIRED HEATING APPARATUS

for which we have executed an application for Letters F	atent of the United	States of America, fil	led on
November 19, 2013 and assigned application number	14/084,095	; and	

WHEREAS, we authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, application number, etc.);

WHEREAS, RHEEM MANUFACTURING COMPANY (herein after "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, having its principal office and place of business at 1100 Abernathy Road, N.E., Suite 1400, Atlanta, Georgia 30328, is desirous of obtaining the entire right, title, and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filed for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filing priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

R-348072_i

AND WE HEREBY further covenant and agree that we will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

Dated: 11 / 13 / 13	AMIN AKBARI 1805 Brooken Hill Drive Fort Smith. AR 72908 AMIN AKbar mon fared
State of Arkansas §	
State of Arkansas § County of Subastian §	
proved to me on the basis of satisfactory ev	personally appeared Amin Akbari, to me known (or vidence) to be the person described in and who executed the ne that the execution of the same was a free act and deed. **Notary Public** My Commission Expires: 5.8.17
SEAL	

R-348072_1

/ / (
Dated: 11/13/13	TIMOTHY J. SHELLENBERGER 100 Shankhill Ridge Tyrone, GA 30290
State of ARKANSAS §	
State of HRRANSAS § County of Sebastian §	
known for proved to me on the basis of satis	3. personally appeared Timothy J. Shellenberger, to me sfactory evidence) to be the person described in and who redged to me that the execution of the same was a free act
	RIDL BOSSEH Notary Public
	My Commission Expires: 5.8.17
SEAL	
Dated: 11-13-13	ROBERT STEVEN NEPHOUSE 5413 Catina Court Fort Smith. AR 72916
State of ARKONSAS §	
County of Sebastian §	
known for proved to me on the basis of sat	isfactory evidence) to be the person described in and who wledged to me that the execution of the same was a free act
	Norary Public
	My Commission Expires: 5-8-17
SEAL	
R-348072 i	3

PATENT REEL: 031633 FRAME: 0398

Dated: ////3//3	SCOTT ALAN WILLBANKS 3406 Erin Oaks Court Fort Smith, AR 72908
State of Arkansas § County of Schasticin §	
(or proved to me on the basis of satisfactory evi	personally appeared Scott Alan Willbanks, to me known dence) to be the person described in and who executed the hat the execution of the same was a free act and deed. Notary Public My Commission Expires: 5.8.17
S E A L	My Commission Expires:
Dated: <i>1/-13-13</i>	DARRYL FARLEY 2524 N. 37th St. Fort Smith, AR 72904
State of ARKANSAS & SCOUNTY OF Selbastian &	
proved to me on the basis of satisfactory evic	personally appeared Darryl Farley, to me known (or dence) to be the person described in and who executed the that the execution of the same was a free act and deed. Notary Public My Commission Expires: 5-8.17
SEAL	

4

Dated: 1-13-13	NATHAN TAYLOR WHALEN 2218 Hwy 71 North
State of ARKANSAS County of Selection	Alma, AR 72921 § §
known for proved to me on the basis of	personally appeared Nathan Taylor Whalen, to me f satisfactory evidence) to be the person described in and who eknowledged to me that the execution of the same was a free act Notary Public My Commission Expires: 5.8-17
SEAL	
Dated: 1 1- 13 · 13	SHAWN ALLAN REED 3770 Mantooth Rd. Charleston AR 72933
State of <u>Alkansas</u> County of <u>Sebristicin</u>	\$ \$ \$
around to me on the basis of satisfacto	personally appeared Shawn Allan Reed, to me known (or bry evidence) to be the person described in and who executed the same that the execution of the same was a free act and deed. Notary Public My Commission Expires: 5.8.17
SEAL	
	5

PATENT REEL: 031633 FRAME: 0400

RECORDED: 11/19/2013