508314057 01/03/2024

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1

EPAS ID: PAT8361250 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MARK W. HARRISON	12/19/2023
STEVEN J. PITTS	12/18/2023
TODD W. SMITH	12/27/2023

RECEIVING PARTY DATA

Name:	TRANE INTERNATIONAL INC.
Street Address:	800-E BEATY STREET
City:	DAVIDSON
State/Country:	NORTH CAROLINA
Postal Code:	28036

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17646628

CORRESPONDENCE DATA

Fax Number: (612)455-3801

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: 6124553800

Email: jsilbaugh@hsml.com

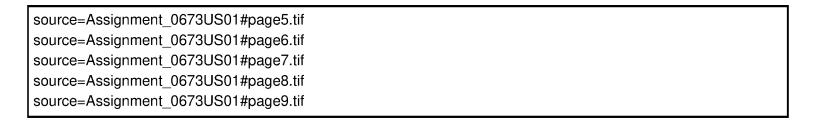
HAMRE, SCHUMANN, MUELLER & LARSON, P.C. **Correspondent Name:**

Address Line 1: 45 SOUTH 7TH STREET SUITE 2700 Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	20424.0673US01	
NAME OF SUBMITTER:	BRYAN A. WONG	
SIGNATURE:	/bryan a. wong/	
DATE SIGNED:	01/03/2024	

Total Attachments: 9

source=Assignment_0673US01#page1.tif source=Assignment_0673US01#page2.tif source=Assignment_0673US01#page3.tif source=Assignment_0673US01#page4.tif



ASSIGNMENT

WHEREAS, we, Mark W. Harrison, having an address of 2417 Franklin Street, Onalaska, WI 54650 (US), Steven J. Pitts having an address of 173 McIntosh Rd E, La Crescent, WI 55947 (US), and Todd W. Smith, having an address of W6056 Ruth Lane, Onalaska, WI 54650 (US), made certain new and useful inventions and improvements for which we filed a US Non-provisional application, on December 30, 2021, that has application no. 17/646628 and which is entitled COMPRESSOR LUBRICATION SUPPLY SYSTEM AND COMPRESSOR THEREOF.

AND WHEREAS, TRANE INTERNATIONAL INC., a corporation organized and existing under and by virtue of the laws of Delaware, and having an office and place of business at 800-E Beaty Street, Davidson, North Carolina 28036 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to any applications which have been or shall be filed, including all nonprovisionals, applications filed under the Patent Cooperation Treaty, divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to

said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19 day of December, 2023.
Maryntavis
Inventor: Mark W. Harrison
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of
, 20

Inventor: Steven J. Pitts

IN TESTIM	MONY WHEREOF,	I have hereunto set my hand this	day of
	_, 20		
		Inventor Todd W Smith	

ASSIGNMENT

WHEREAS, we, Mark W. Harrison, having an address of 2417 Franklin Street, Onalaska, WI 54650 (US), Steven J. Pitts having an address of 173 McIntosh Rd E, La Crescent, WI 55947 (US), and Todd W. Smith, having an address of W6056 Ruth Lane, Onalaska, WI 54650 (US), made certain new and useful inventions and improvements for which we filed a US Non-provisional application, on December 30, 2021, that has application no. 17/646628 and which is entitled COMPRESSOR LUBRICATION SUPPLY SYSTEM AND COMPRESSOR THEREOF.

AND WHEREAS, TRANE INTERNATIONAL INC., a corporation organized and existing under and by virtue of the laws of Delaware, and having an office and place of business at 800-E Beaty Street, Davidson, North Carolina 28036 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to any applications which have been or shall be filed, including all nonprovisionals, applications filed under the Patent Cooperation Treaty, divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to

said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF,	I have hereunto set my hand this day of
, 20	
	Inventor: Mark W. Harrison
IN TERROR TO A STATE OF THE STA	
December 2023.	I have hereunto set my hand this 18 day of
	OL OLL

Inventor: Steven J. Pitts

IN TESTIMONY WHEREOF,	I have hereunto set my hand this day of
, 20	
	Inventor: Todd W. Smith

ASSIGNMENT

WHEREAS, we, Mark W. Harrison, having an address of 2417 Franklin Street, Onalaska, WI 54650 (US), Steven J. Pitts having an address of 173 McIntosh Rd E, La Crescent, WI 55947 (US), and Todd W. Smith, having an address of W6056 Ruth Lane, Onalaska, WI 54650 (US), made certain new and useful inventions and improvements for which we filed a US Non-provisional application, on December 30, 2021, that has application no. 17/646628 and which is entitled COMPRESSOR LUBRICATION SUPPLY SYSTEM AND COMPRESSOR THEREOF.

AND WHEREAS, TRANE INTERNATIONAL INC., a corporation organized and existing under and by virtue of the laws of Delaware, and having an office and place of business at 800-E Beaty Street, Davidson, North Carolina 28036 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor:

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to any applications which have been or shall be filed, including all nonprovisionals, applications filed under the Patent Cooperation Treaty, divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to

said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF,, 20	I have hereunto set my hand this day of
	Inventor: Mark W. Harrison
IN TESTIMONY WHEREOF,	I have hereunto set my hand this day of
, 20	
	Inventor: Steven J. Pitts

2

IN TESTIMONY WHEREOF, I have hereunto set my hand this 27th day of December,

2023.

/Todd W. Smith/

Inventor: Todd W. Smith