

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4924940

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TIMOTHY R. COOPER	04/19/2018
JOHN J. LINEHAN	04/19/2018
EDWARD CHARLES EARDLEY	04/19/2018
RECEIVING PARTY DATA	
Name:	INGERSOLL-RAND COMPANY
Street Address:	800-D BEATY STREET
City:	DAVIDSON
State/Country:	NORTH CAROLINA
Postal Code:	28036
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15958046
CORRESPONDENCE DATA	
Fax Number:	(260)424-8316
<i>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.</i>	
Phone:	260-425-4660
Email:	Greg.Cooper@btlaw.com
Correspondent Name:	BARNES & THORNBURG LLP (IR)
Address Line 1:	888 S. HARRISON STREET, SUITE 600
Address Line 4:	FORT WAYNE, INDIANA 46802-2206
ATTORNEY DOCKET NUMBER:	437251/269610
NAME OF SUBMITTER:	GREGORY S. COOPER
SIGNATURE:	/Gregory S. Cooper/
DATE SIGNED:	04/20/2018
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4	
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COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET

Title of Invention Impact Tools With Rigidly Coupled Impact Mechanisms
(herein the "Application(s)")

Barnes & Thornburg LLP, 888 S. Harrison Street, Suite 600, Fort Wayne, Indiana 46802 is authorized to insert in parentheses (Application number _____, filed _____) the filing date and application number of said Application(s) when known.

As the below named inventor (hereinafter designated as the "Undersigned"), I hereby declare that:

This declaration is directed to:

- The attached application; or
- United States application or PCT international application number: _____
filed on _____.

The above-identified 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 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.

Assignment of World Wide Patent Rights For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, the Undersigned hereby sells, assigns, and sets over to:

Name of Assignee: INGERSOLL-RAND COMPANY

Address of Assignee's principal office: 800-D BEATY STREET
DAVIDSON, NC 28036

State of incorporation (if applicable): New Jersey

its successors and assigns or other legal representatives (hereinafter collectively designated as the "Assignee") my entire right, title and interest in, to and under the Application(s) throughout the world, including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

The Undersigned agrees to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The Undersigned agrees to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), continuation(s)-in-part, divisional(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

IN WITNESS WHEREOF, I have executed this assignment this 19 day of April, 2018.

[Handwritten Signature]

Inventor's Signature

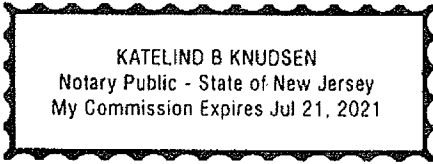
John J. Linehan

Printed Name

ACKNOWLEDGMENT

STATE OF New Jersey }
 } }
COUNTY OF Warren }

SS:



Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 19th day of April, 2018.

[Handwritten Signature]
Notary Public

Kate Lind B Knudsen
Printed Name

My Commission Expires: July 21, 2021 Resident of Warren County

IN WITNESS WHEREOF, I have executed this assignment this 18 day of April, 2018.

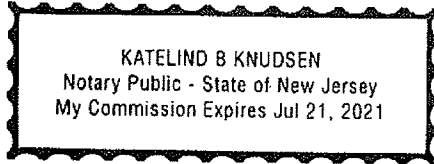
[Signature]
Inventor's Signature

Edward Charles Eardley
Printed Name

ACKNOWLEDGMENT

STATE OF New Jersey
COUNTY OF Warren

SS:



Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 19th day of April, 2018.

[Signature]
Notary Public

Katelind B Knudsen
Printed Name

My Commission Expires: July 21, 2021 Resident of Warren County