

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Patrick Sean Livingston</td> <td>09/13/2013</td> </tr> <tr> <td>Joseph Constantine Bouboulis</td> <td>09/06/2013</td> </tr> <tr> <td>Douglas E. Pyles</td> <td>09/13/2013</td> </tr> <tr> <td>Gregory P. Albert</td> <td>09/13/2013</td> </tr> <tr> <td>James F. Bouchard</td> <td>09/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Patrick Sean Livingston	09/13/2013	Joseph Constantine Bouboulis	09/06/2013	Douglas E. Pyles	09/13/2013	Gregory P. Albert	09/13/2013	James F. Bouchard	09/13/2013
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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													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14015452</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14015452								
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CORRESPONDENCE DATA													
Fax Number:	3172317433												
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Date:

09/16/2013

Total Attachments: 6

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ASSIGNMENT

WHEREAS, PATRICK SEAN LIVINGSTON, JOSEPH CONSTANTINE BOUBOULIS, DOUGLAS E. PYLES, GREGORY P. ALBERT, and JAMES F. BOUCHARD (hereinafter, the "Assignors") are the makers of an invention which is the subject of a United States Patent Application identified as Serial No. 14/015,452, filed on August 30, 2013, and entitled "Grinders with Friction Drives" (hereinafter, the "Application"); and

WHEREAS, the Assignors have an obligation to assign the Application to INGERSOLL-RAND COMPANY, a New Jersey corporation having a place of business at 800-D Beatty St., Davidson, North Carolina 28036 (hereinafter, the "Assignee");

NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors do hereby assign, sell, and set over to Assignee their entire right, title, and interest in, to, and under the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, all inventions disclosed therein, and any and all Letters Patent of the United States and of all other countries that may be granted for such inventions, all rights in such 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 Assignors had this assignment not been made.

The Assignors agree to execute any and all papers in connection with the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, and any Letters Patent issuing therefrom, and also to execute separate assignments as the Assignee may deem necessary or desirable.

The Assignors agree to execute any and all papers in connection with any litigation or administrative proceeding concerning the Application, any and all patent applications filed in the United States and in all other countries claiming priority to the Application, or any Letters Patent issuing therefrom, and also to cooperate with the Assignee in every way possible in obtaining evidence and participating in any such litigation or administrative proceeding.

The Assignors agree to execute any and all papers and to perform any and all acts which the Assignee may deem necessary or desirable in view of the provisions of the Patent Cooperation Treaty, the International Convention for Protection of Industrial Property, or similar agreements.

The Assignors agree to perform any and all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire patent protection, with specifications and claims in such form as shall be approved by Assignee, and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

