

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Christopher Freeman	06/17/2009
Steven James Herring	06/24/2009
Kevin Banks	06/17/2009
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12374925
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Total Attachments: 2
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**PATENT
 REEL: 023494 FRAME: 0842**

CH \$40.00 12374925

ASSIGNMENT

WHEREAS, we,

- (1) Christopher Freeman of Cranfield
Cranfield, Bedfordshire
United Kingdom
- (2) Steven James Herring of Cranfield
Cranfield, Bedfordshire
United Kingdom
- (3) Kevin Banks of Peterborough
Peterborough, Cambridgeshire
England

have invented certain improvements in

IMPULSE TURBINE FOR USE IN BI-DIRECTIONAL FLOWS

for which:

We have filed an application for Letters Patent of the United States of America on January 23, 2009, as Application Serial No. 12/374,925. We hereby authorize the attorney of record to update this document to include Patent Office information as deemed necessary (i.e., filing date, serial number, etc.); and

WHEREAS, PETER BROTHERHOOD LIMITED, a U.K. PRIVATE LTD. CO., having its principal office and place of business in Peterborough, United Kingdom, is desirous of obtaining the entire right, title, and interest in, to and under said invention and 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 Dresser-Rand Company, 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 Dresser-Rand Company, 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.

AND WE HEREBY further covenant and agree that we will communicate to said Dresser-Rand Company, 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 Dresser-Rand Company, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

First Inventor Name: Christopher Freeman
Residence Address: Building 52
Cranfield University
Cranfield, Bedfordshire
United Kingdom

Dated: 17 June 2009

CFreeman
Inventor Signature

Dated: 17 June 09

[Signature]
Witness Signature
Witness Name: B. TARVER

Second Inventor Name: Steven James Herring
Residence Address: Building 52
Cranfield University
Cranfield, Bedfordshire
United Kingdom

Dated: 24th June 2009

Steven Herring
Inventor Signature

Dated: 24 June '09

[Signature]
Witness Signature
Witness Name: SMARTELLINI

Third Inventor Name: Kevin Banks
Residence Address: _____
Peterborough, Cambridgeshire
England

Dated: 17th JUNE 2009

[Signature]
Inventor Signature

Dated: 17th JUNE 2009

[Signature]
Witness Signature
Witness Name: Shahab Nodanzi