

09-30-2002

FORM PTO-1595
1-31-92



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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Assistant Commissioner for Patents Please record and index the attached original documents or copy thereof.

1. Name of conveying party(ies):
Andrew J. Olsen

924-02

2. Name and address of receiving party(ies):
Name: Ingersoll-Rand Energy Systems Corporation
Address: 30 New Hampshire Avenue
Portsmouth, New Hampshire 03801

Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance: Assignment

Execution Date: September 24, 2002

10/253219

11046 U.S. PTO
10/253219
09/24/02

4. This document is being filed together with a new application. The execution date of the application is: September 24, 2002

NO ADDITIONAL NUMBERS ATTACHED.

5. Name and address of party to whom correspondence concerning document should be mailed:

David B. Smith
Michael Best & Friedrich LLP
3773 Corporate Parkway Suite 360
Center Valley, Pennsylvania 18034

Phone: (414) 271-6560

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

Enclosed

Deficiencies in fee charged to Deposit Account

8. Deposit account number: 09-0260

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Thomas J. Otterlee (Reg. No. 48,652)
Name of Person Signing

Thomas J. Otterlee
Signature

September 24, 2002
Date

Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-0011 (exp. 4/94) H:\PF\FORM\ASSIGN CS1

Attorney File 031383-9044-01

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PATENT
REEL: 013329 FRAME: 0407

A S S I G N M E N T

Pursuant to my obligation to Ingersoll-Rand Energy Systems Corporation (hereinafter referred to as "Assignee"), a Massachusetts corporation having its principal place of business at:

30 New Hampshire Avenue
Portsmouth, New Hampshire 03801

and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, I:

Andrew J. Olsen
46 Birchmeadow Road
Amesbury, MA 01913

confirm my obligation to and hereby sell, assign and convey, unto Assignee, its successors and assigns, my entire right, title and interest -

(1) in and to an invention entitled "INTERCHANGEABLE POWER TURBINE CARTRIDGE ASSEMBLY" for which I have executed United States Patent Application on even date herewith (Atty File No. 031383-9044-01);

(2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted;

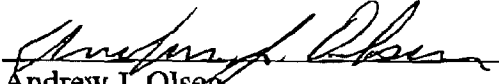
(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted; and

(4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of my Assignee with a claim to priority based on said United States application.

And I hereby agree that I will, upon demand of Assignee, its successors or assigns, and without further consideration to me, execute any and all papers that may be necessary, or deemed by Assignee, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by Assignee, its successors and assigns, and not by me.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to Assignee.

24-Sept-2002
Date:


Andrew J. Olsen

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