

MRP

09-19-2000

Tab settings

8/14/00



101460744

attached original documents or copy thereof.

Address of receiving party(ies):

Name: INGERSOLL-RAND COMPANY

Internal Address: 200 Chestnut Ridge Road

Street Address:

City: Woodcliff Lake State: NJ ZIP: 07675

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

1. Name of conveying party(ies):

James E. Morris
Steven M. Precopia
Gary W. Howell

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment Merger
Security Agreement Change of Name
Other

Execution Date: 8 Mar 2000, 13 Apr 2000, 25 Aug 2000

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

B. Patent No.(s)

PCT/US98/21721

09529584

Additional numbers attached? Yes No

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

Name: Mark A. Watkins

Internal Address: OLDHAM & OLDHAM CO., L.P.A.

Street Address: 1225 West Market Street

City: Akron State: OH ZIP: 44313-7188

6. Total number of applications and patents involved: 1

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

- Enclosed
Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

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.

Mark A. Watkins
Name of Person Signing

[Signature]

Signature

29 August 2000
Date

Total number of pages including cover sheet, attachments, and document: 1

For: U.S. Rights and Foreign Rights
For: PCT Application
By: Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS:

James E. Morris
10726 Longmeadow Court
Dallas, TX 75238
Nationality: US

Steven M. Precopia
125 Jessica Drive
Garland, TX 75045
Nationality: US

Gary W. Howell
P.O. Box 451272
Garland, TX 75045
Nationality: US

hereby sell, assign and transfer to

ASSIGNEE:

Ingersoll-Rand Company
200 Chestnut Ridge Road
Woodcliff Lake, NJ 07675
Nationality: US

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

FEED SYSTEM FOR A ROTARY DRILL TOWER

and which is found in (37 C.F.R. section 3.21) International application no. PCT PCT/US98/21721 filed on October 14, 1998 and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

(Assignment of Invention--Multiple Inventors--page 1 of 2)

ASSIGNORS hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNORS and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this 25th day of AUGUST, 2000.

Date:

Signature of James E. MORRIS

Date:

Signature of Steven M. Precopia

Date:

8/25/00

Gary W. Howell by
Signature of Gary W. Howell

Steven M. Precopia
STEVEN M. PRECOPIA

(Assignment of Invention--Multiple Inventors--page 2 of 2)

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IN WITNESS WHEREOF, We have hereunto set hand and seal this 8th day of MARCH, 2000

Helma [Signature]

Date:

James E. Morris 4/8/00
Signature of James E. MORRIS

Date:

Signature of Steven M. Precopia

Date:

Signature of Gary W. Howell

For: U.S. Rights and Foreign Rights
For: PCT Application
By: Inventors

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IN WITNESS WHEREOF, We have hereunto set hand and seal this 19th day of April.

Velma J. O'Donnell

Date:

Signature of James E. MORRIS

Date: 4/13/00

X *Steven M. Precopia*

Signature of Steven M. Precopia

Date:

Signature of Gary W. Howell