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U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office



103477209

1 COVER SHEET

ONLY APO5 Rec'd PCT 16 JAN 2008

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Joseph PURCELL
Mincon International

1.16.08

2. Name and address of receiving party(ies)

Name: Minroc Technical Promotions Limited

Internal Address: _____

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 19 July 2005

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

Street Address: Smithstown, Shannon

City: Co. Clare

State: _____

Country: IRELAND Zip: _____

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

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Mark Kusner, Esq.

Internal Address: KUSNER & JAFFE
Highland Place - Suite 310

Street Address: 6151 Wilson Mills Road

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State: Ohio Zip: 44143

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Fax Number: (440) 684-1095

Email Address: mkusner@kusnerjaffe.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 6537
Expiration Date 10/08

b. Deposit Account Number 50-0537 (add'l charges only)

Authorized User Name Mark Kusner

01/16/2008 11:49:00 AM 00000000 1198900
05 FC:8021 40.00 OP Signature

16 January 2008

Date

Mark Kusner, Reg. No. 31,115
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

THIS ASSIGNMENT effective the 19 day of July, 2005

BETWEEN

JOSEPH PURCELL, a citizen of Ireland, of 38 The Hazels, Oakleigh Wood, Ennis, Co. Clare, Ireland (hereinafter called "the Inventor") of the one part,

MINCON INTERNATIONAL, an Irish Company, of Smithstown, Shannon, Co. Clare, Ireland, (hereinafter called "Mincon") of the second part, and

MINROC TECHNICAL PROMOTIONS LIMITED, an Irish Company, of Smithstown, Shannon, Co. Clare, (hereinafter called "the Assignees") of the third part,

WHEREAS the Inventor claims to be the true and first inventor of an invention relating to a "A DRILL BIT ASSEMBLY FOR FLUID-OPERATED PERCUSSION DRILL TOOLS" (Splined Shaft) (hereinafter referred to as the "Invention") and for which a Patent Application is about to be filed

AND WHEREAS the Invention was made by him out of and in the course of his employment with Mincon

AND WHEREAS the Inventor holds the Invention and all patent and other rights and powers obtainable and exercisable in respect thereof in trust for Mincon

63881735

AND WHEREAS Mincon has directed the Inventor to assign to the Assignees all his right title and interest in and to the said Invention and Patent Application

NOW THIS ASSIGNMENT WITNESSETH

1. The Inventor as Trustee hereby assigns to the Assignees absolutely the Invention, any improvements in or modifications thereof, and any know-how relating thereto together with all rights and interest in the same and all rights and powers to make application for patent in the name of the Assignees, or in the name of its nominee, in Ireland and in any other country of the world whether under the Patent Co-operation Treaty or otherwise in respect of the Invention or improvements in or modifications thereof, together with all rights and benefits arising therefrom under the International Convention for the Protection of Industrial Property or the Treaty Establishing the World Trade Organisation.

2. The Inventor hereby covenants with the Assignees as follows:

(i) that he will (so far as necessary) permit and enable the Assignees to apply for and will take all reasonable steps to assist the Assignees or its nominee in obtaining the grant of patent or like protection in respect of the Invention hereinbefore assigned in any territory as may be required by the Assignees

(ii) that he will at the request and cost of the Assignees execute and do all such documents, acts and things as may be necessary for the purpose of sub-paragraph (i) hereof and for vesting any relevant invention, application for patent, patent, know-how, copyright or design in the Assignees or its nominee absolutely.

their Attorney in their name to execute and do any document act or thing which may be necessary to comply with the provisions of Clause 2 hereof.

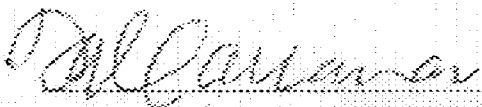
IT IS HEREBY CERTIFIED that this instrument is a conveyance or transfer on any occasion, not being a sale or mortgage

IN WITNESS WHEREOF this Assignment has been executed the day and year first herein written.

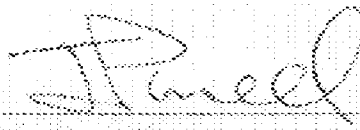
SIGNED SEALED and DELIVERED

by **JOSEPH PURCELL**

in the presence of



Witness




Joseph Purcell


Witness

Executed on behalf of
MINCON INTERNATIONAL LIMITED

Witness


Director

Executed on behalf of
MINROC TECHNICAL PROMOTIONS LIMITED


Witness
Director