

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| Harris A. Reynolds Jr. | 05/21/2007 |
| RECEIVING PARTY DATA | |
| Name: | Hydriil Company LP |
| Street Address: | 3300 N. Sam Houston Parkway East |
| City: | Houston |
| State/Country: | TEXAS |
| Postal Code: | 77032 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 11752646 |
| CORRESPONDENCE DATA | |
| Fax Number: | (713)228-8778 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Email: | loftin@oshaliang.com |
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| ATTORNEY DOCKET NUMBER: | 9432.291005 |
| NAME OF SUBMITTER: | Yvonne Loftin |
| Total Attachments: 2 source=09432291005_Assn#page1.tif source=09432291005_Assn#page2.tif | |

OP \$40.00 11752646

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PATENT
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ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned individual(s) (referred to herein as the "INVENTOR(S)") hereby assign, transfer, and set over to:

HYDRIL COMPANY LP

having the following address:

3300 N. Sam Houston Parkway East, Houston, Texas 77032

(referred to herein as "COMPANY"), its successors, and assigns, the entire right, title, and interest, worldwide, in and to the invention known by the following title:

THREADS WITH PERTURBATIONS.

for which the undersigned has/have executed an application for patent in the United States of America on or about this same day, together with said patent application, all divisions, continuations, continuations-in-part, reissues, and extensions thereof, and all Letters Patent (domestic and foreign) that may be granted therefor. Such interest represents the entire ownership of said applications and Letters Patent when granted and is to be owned by COMPANY, its successors, and assigns, or their legal representatives, for the full and entire term for which such Letters Patent may be granted or extended, as fully and entirely as the same would have been enjoyed by the INVENTOR(S) if this assignment had not been made.

In addition, the undersigned INVENTOR(S) each hereby agrees:

1. To sign and execute any further documents that may be necessary or desirable, lawful, and proper in connection with the prosecution of all applications for patent(s) on the INVENTION in the United States, including without limitation said application and all divisions, continuations, continuations-in-part, amendments thereof, and all interference proceedings associated therewith, or otherwise necessary or desirable to secure the title thereto to COMPANY;
2. To execute all papers and documents and to perform all lawful acts that may be necessary in connection with claims to priority or otherwise under the International Convention for the Protection of Industrial Property or similar treaties or agreements;
3. To perform all lawful affirmative acts that may be necessary to obtain the grant of valid and enforceable patents to COMPANY.

The undersigned INVENTOR(S) each hereby authorizes and requests the Commissioner of Patents and Trademarks in the United States to issue any and all Letters Patent resulting from said application, including without limitation any division, continuation, continuation-in-part, or reissue thereof to COMPANY.

The undersigned INVENTOR(S) each hereby grants to the firm of OSHA•LIANG LLP the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

INVENTOR(S)

IN WITNESS WHEREOF, this Assignment has been executed by each of the undersigned individuals on the date appearing by such individual's signature:

MAY 21, 2007
Date

1st Inventor Signature: [Signature]

Print or Type Name: Harris A. Reynolds, Jr.

2nd Inventor Signature: _____

Print or Type Name: _____

Date

3rd Inventor Signature: _____

Print or Type Name: _____

Date

4th Inventor Signature: _____

Print or Type Name: _____

Date

This Assignment may be signed before either:
(a) a Notary Public for one of the States of the United States, or (b) two witnesses who sign below: ☐

NOTARY PUBLIC

State of Texas
County of Harris

Before me personally appeared: Harris A. REYNOLDS, Jr.

1st Inventor

2nd Inventor

3rd Inventor

4th Inventor

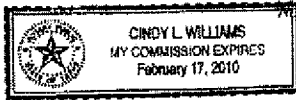
each of whom acknowledged the foregoing instrument to be a free act and deed and also represented that he/she is authorized to execute this Assignment.

Dated: 5/21/2007

Cindy L Williams

Notary Public

My commission expires: 2/17/2010



WITNESSES

Signature of Witness: _____

Date

Print or Type Name: _____

Signature of Witness: _____

Date

Print or Type Name: _____

274266_1

When this Assignment is not filed concurrently with the patent application, the following identifying information may be added after execution:

U.S. Application Serial No.: 11/752,646

Filing Date: May 23, 2007

ASSIGNMENT - WORLDWIDE

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