

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

Assignment ID: PATI554539

|   |                                     |
|---|-------------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                      |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                          |
| <b>CONVEYING PARTY DATA</b>   |                                     |
| <b>Name</b>   | <b>Execution Date</b>               |
| Angus Lamberton Jamieson  | 08/03/2021                          |
| Teddy Chen  | 08/16/2021                          |
| Stephane Menand   | 07/28/2021                          |
| Kyle McIntire   | 08/04/2021                          |
| Mohammed Mahjoub  | 08/06/2021                          |
| <b>RECEIVING PARTY DATA</b>   |                                     |
| <b>Company Name:</b>  | HELMERICH & PAYNE TECHNOLOGIES, LLC |
| <b>Street Address:</b>  | 222 N. Detroit Ave.                 |
| <b>City:</b>  | Tulsa                               |
| <b>State/Country:</b>   | OKLAHOMA                            |
| <b>Postal Code:</b>   | 74120                               |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                     |
| <b>Property Type</b>  | <b>Number</b>                       |
| <b>Application Number:</b>  | 17377380                            |
| <b>CORRESPONDENCE DATA</b>  |                                     |
| <b>Fax Number:</b>  |                                     |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                     |
| <b>Phone:</b>   | 4048156007                          |
| <b>Email:</b>   | llane@ktslaw.com                    |
| <b>Correspondent Name:</b>  | Lori Lane                           |
| <b>Address Line 1:</b>  | Kilpatrick Townsend & Stockton LLP  |
| <b>Address Line 2:</b>  | 1100 Peachtree St NE, #2800         |
| <b>Address Line 4:</b>  | Atlanta, GEORGIA 30309              |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 107157-1211889                      |
| <b>NAME OF SUBMITTER:</b>   | Lori Lane                           |
| <b>SIGNATURE:</b>   | Lori Lane                           |
| <b>DATE SIGNED:</b>   | 10/10/2024                          |
| <b>Total Attachments: 3</b>   |                                     |

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source=Assignment - Signed 107157-1211889#page3.tiff

**ASSIGNMENT OF INTELLECTUAL PROPERTY RIGHTS  
IN PATENT APPLICATION**

Whereas we, the undersigned inventors, have invented certain new and useful innovations as set forth in the patent application entitled:

**APPARATUS AND METHODS FOR AUTOMATED SLIDE DRILLING**

the specification of which was filed with the U.S. Patent and Trademark Office on July 16, 2021 and assigned application no. 17/377,380.

For one dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which we acknowledge, we:

1. Agree to assign, transfer, convey, and sell, hereby assign, transfer, convey, and sell and have assigned, transferred, conveyed, and sold to HELMERICH & PAYNE TECHNOLOGIES, LLC, a Delaware limited liability company having a principal place of business at 1437 South Boulder Avenue, Tulsa, Oklahoma 74119 ("Assignee"), the entire right, title, and interest in and to:
  - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
  - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
  - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
  - (d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including

*Assignment of Intellectual Property Rights in Application*

Patent Application Entitled: APPARATUS AND METHODS FOR CONTROLLING DRILLING

Attorney Docket: 107157-1211889 (HPT/4-030US)

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provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.


2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
3. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
4. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon me, as well as my heirs, legal representatives, and assigns.
5. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the date indicated beside my signature


Dated: August 3, 2021

DocuSigned by:  
  
 Angus Lamberton Jamieson


Dated: August 16, 2021

DocuSigned by:  
  
 Teddy Chen


Dated: July 28, 2021

DocuSigned by:  
  
 Stephane Menand

Dated: August 4, 2021

DocuSigned by:  
  
 Kyle McIntire

Dated: août 6, 2021

DocuSigned by:  
  
 Mohammed Mahjoub

*Assignment of Intellectual Property Rights in Application*

Patent Application Entitled: APPARATUS AND METHODS FOR CONTROLLING DRILLING

Attorney Docket: 107157-1211889 (HPT/4-030US)

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ASSIGNEE hereby accepts receipt of the entire right, title and interest in and to this PATENT APPLICATION.

HELMERICH & PAYNE TECHNOLOGIES, LLC

DocuSigned by:

By: Todd Benson  
210DC4DE042044...

Name: Todd Benson

Title: President

Date: July 27, 2021