

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7050903

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HASIB UDDIN	11/18/2021
JOHN R HARDIN	11/19/2021
RECEIVING PARTY DATA	
Name:	HALLIBURTON ENERGY SERVICES, INC.
Street Address:	3000 N. SAM HOUSTON PARKWAY E.
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77032-3219
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	17457084
PCT Number:	US2021061381
CORRESPONDENCE DATA	
Fax Number:	(713)658-2553
<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>	
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Correspondent Name:	CHAMBERLAIN HRDLICKA
Address Line 1:	1200 SMITH ST., 14TH FLOOR
Address Line 4:	HOUSTON, TEXAS 77002
ATTORNEY DOCKET NUMBER:	140846-090600US/01WO
NAME OF SUBMITTER:	COLLIN A. ROSE
SIGNATURE:	/Collin A. Rose/
DATE SIGNED:	12/01/2021
Total Attachments: 4	
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IP ASSIGNMENT

For good and valuable consideration given to me by Halliburton Energy Services, Inc., and any other valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, Joseph Munguia, Hasib Uddin and John R Hardin (“**Assignors**”), having jointly or solely made an invention in “Drilling System with Mud Motor Including Mud Lubricated Bearing Assembly” (“**Invention**”), while in the employ or hire either as an employee, consultant, or contractor of Halliburton Energy Services, Inc., a Corporation organized and existing under the laws of the State of Delaware, doing business at 3000 N. Sam Houston Parkway E., Houston TX, 77032-3219 (“**Assignee**”), do hereby irrevocably assign, sell, transfer, and convey to **Assignee**, its successors, and assigns, my entire right, title, and interest throughout the world in and to:

1. Said **Invention** in “Drilling System with Mud Motor Including Mud Lubricated Bearing Assembly;”
2. U.S. Utility Patent Application No. 17/457,084 on said Invention entitled, “Drilling System with Mud Motor Including Mud Lubricated Bearing Assembly,” filed on December 1, 2021 (Attorney’s Reference No. 140846-090600US);¹
3. PCT Patent Application No. PCT/US2021/061381 on said Invention entitled, “Drilling System with Mud Motor Including Mud Lubricated Bearing Assembly,” filed on December 1, 2021 (Attorney’s Reference No. 140846-090601WO);²
4. all applications for patent or like protection on the **Invention** that have now been or may in the future be made anywhere in the world, including any substitution, divisional, continuation, continuation-in-part, renewal, reissue, extension, reexamination, issuance, and any other utility or design applications, including without limitation, those obtained or permissible under past, present, and future laws and statutes;
5. all patents and the like protection that have now been or may in the future be granted on the **Invention** anywhere in the world;

¹ **Assignors** further authorizes the **Assignee** or its representatives to insert the serial number and filing date of patent applications related to the **Invention** as soon as they are known as well as to attach and update a schedule of any further application serial numbers or patent numbers related to the **Invention** as they become known.

² **Assignors** further authorizes the **Assignee** or its representatives to insert the serial number and filing date of patent applications related to the **Invention** as soon as they are known as well as to attach and update a schedule of any further application serial numbers or patent numbers related to the **Invention** as they become known.

6. all royalties, fees, income, payments, and other proceeds now or hereafter due or payable with respect to any and all of the foregoing;
7. all claims and causes of action with respect to any of the foregoing, whether accruing before, on, or after the date hereof, including all rights to and claims for damages, restitution, and injunctive and other legal and equitable relief for past, present, and future infringement, misappropriation, violation, breach, or default;
8. all rights in **Assignee** to file in its name applications for patents and like protection for the **Invention** in any country or countries in the world;
9. all rights of priority associated with the **Invention**, applications, patents, and like protection anywhere in the world; and
10. other rights, privileges, and protections of any kind whatsoever of **Assignor** accruing under any of the foregoing provided at law or in equity throughout the world.

Assignors covenants that **Assignors**, its heirs, legal representatives, assigns, administrators, and executors will, at the expense of **Assignee**, its successors, and assigns, execute all papers and perform such other acts as may be reasonably necessary to give **Assignee**, its successors, and assigns, the full benefit of this Assignment.

Further, **Assignors** warrants that the **Invention** is not encumbered by another assignment or obligation of assignment to a third-party and that **Assignor** has the full ability and authority to assign and encumber the **Invention**.

IN WITNESS WHEREOF, the parties hereto have duly executed this Assignment as of the date first above written.

(Signature pages follow)

ASSIGNOR: [Signature]
Name: Hasib Uddin

Date: 11.18.2021

THE STATE OF: Texas

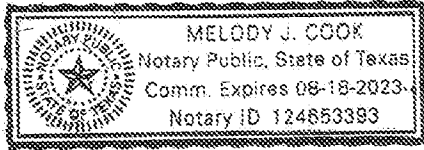
COUNTY OF: Harris

Before me, the undersigned authority, on this day personally appeared Hasib Uddin, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that they executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office, this the 18th day of November 2021.

[Signature]
Notary Public in and for the State of _____

My commission expires: _____



[SEAL]

ASSIGNOR: John R Hardin
Name: John R Hardin

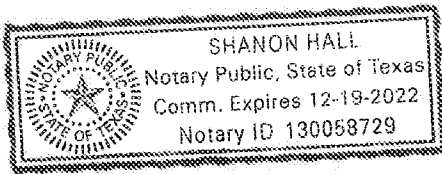
Date: November 19, 2021

THE STATE OF: Texas

COUNTY OF: Harris

Before me, the undersigned authority, on this day personally appeared John R Hardin, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that they executed the same for the purposes and consideration therein expressed.

Given under my hand and seal of office, this the 19th day of November, 2021.



Shanon Hall
Notary Public in and for the State of
Texas

My commission expires: 12/19/2022

[SEAL]