

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MURTADHA J. ALTAMMAR	12/15/2022
KHALID MOHAMMED ALRUWAILI	12/15/2022
RECEIVING PARTY DATA	
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State/Country:	SAUDI ARABIA
Postal Code:	31311
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18066789
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DATE SIGNED:	12/15/2022
Total Attachments: 2	
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DECLARATION AND ASSIGNMENT

As the below named inventor, We/I hereby declare that:

This declaration is directed to:

- ☒ The attached application to be filed as a United States application or PCT international application, or
- ☐ United States Application or PCT Application number _____ filed on _____; and,

USE OF PRESSURE WAVE RESONATORS IN DOWNHOLE OPERATIONS

Regarding that application, We/I declare the following:

- The above-identified application was made, or authorized to be made, by me.
- I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
- I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, I, hereinafter called the "Assignor," have made the invention described in the above-referenced application;

WHEREAS, SAUDI ARABIAN OIL COMPANY, having a place of business at 1 Eastern Avenue, Dhahran, 31311, Saudi Arabia, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and to the patent application identified above, and all patents, foreign and domestic, which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in exchange for valuable and legally sufficient consideration, the Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States and elsewhere in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States and elsewhere; together with the entire right, title and interest in and to said invention and all patent applications, patents, utility models and designs therefore in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title

DECLARATION AND ASSIGNMENT

and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications, patents, utility models and designs defined above; to have and to hold for sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

The Assignor hereby covenants and agrees that Assignor has the full right to convey the interest assigned by this Assignment; and that the Assignor will assist the Assignee in the prosecution of the patent application identified above, in the making and prosecution of any other applications that the Assignee may elect to make covering the invention identified above, in vesting in the Assignee exclusive title in and to all such other patent applications and patents, in the prosecution of any post-grant proceeding which may arise involving said invention, or any such patent application or patent, and in assisting Assignee in enforcement of any rights arising out of this Assignment; and that the Assignor will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Agreement.

I do further grant the power to amend the following information on this document: the title of the application and the filing designation (attached or by reference to an application number), or to add the official application number and filing date prior to submission, in accord with any rules or requirements of the United States Patent and Trademark Office or any other patent regulatory authority.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

Date: 12/15/2022



MURTADHA J. ALTAMMAR

Date: 12/15/2022



KHALID MOHAMMED ALRUWAILI