

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT6442577

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LONGLONG CAO	12/09/2020
HENGCHUN ZHANG	12/09/2020
WENSHI WANG	12/09/2020
JIA YAN	12/09/2020
JIE XU	12/09/2020
RECEIVING PARTY DATA	
Name:	INSTITUTE OF EXPLORATION TECHNIQUES, CHINESE ACADEMY OF GEOLOGICAL SCIENCES
Street Address:	ROOM 5-2-301,302
Internal Address:	HUANA JINGHU GARDEN, DONGLI DISTRICT
City:	TIANJIN
State/Country:	CHINA
Postal Code:	300000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17117486
CORRESPONDENCE DATA	
Fax Number:	(913)549-4646
<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>	
Phone:	913-549-4700
Email:	ekdkdocket@kcpatentlaw.com
Correspondent Name:	ERICKSON KERNELL IP, LLC
Address Line 1:	8900 STATE LINE ROAD
Address Line 2:	SUITE 500
Address Line 4:	LEAWOOD, KANSAS 66206
ATTORNEY DOCKET NUMBER:	5295.001
NAME OF SUBMITTER:	JAMES J. KERNELL
SIGNATURE:	/James J. Kernell/
DATE SIGNED:	12/10/2020

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 5

source=Decl_Asmt#page1.tif

source=Decl_Asmt#page2.tif

source=Decl_Asmt#page3.tif

source=Decl_Asmt#page4.tif

source=Decl_Asmt#page5.tif

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention

MULTIFUNCTIONAL DIRECTIONAL WIRELINE CORE DRILLING DEVICE

As the below named inventor, I hereby declare that:

This declaration is directed to:

The attached application, or

United States application or PCT international application number _____

filed on _____

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.

For good and valuable consideration, the receipt of which I acknowledge, I have made the following assignment and promises to INSTITUTE OF EXPLORATION TECHNIQUES, CHINESE ACADEMY OF GEOLOGICAL SCIENCES ("the INSTITUTE"), a non-profit research institute, having an address of Room 5-2-301, 302, Huana Jinghu Garden, Dongli District, Tianjin, China 300000, in connection with my invention of a new and original MULTIFUNCTIONAL DIRECTIONAL WIRELINE CORE DRILLING DEVICE ("the Invention").

1. I have assigned and do hereby assign to the INSTITUTE my entire right, title and interest in and to: (a) the Invention; (b) application No. _____ for United States patent filed _____ (I hereby authorize insertion of the serial number and filing date upon filing of the Application) which claims priority from Chinese patent application No. CN 202011297328.6, filed November 19, 2020; (c) any other patent applications filed on the Invention in any country; (d) all patents which may be granted for the Invention pursuant to or as a result of the applications referenced herein; and (e) all reissues, divisions, and continuations of the application referenced herein or any patents issuing therefrom.

2. I agree that, upon the request of the INSTITUTE, I will: (a) execute any and all divisional and continuation applications for the Invention or improvements; (b) execute any supplemental oath or declaration relating to the Invention or improvements; (c) execute any application for reissue of any Letters Patent that may be granted upon the applications referenced herein; (d) cooperate to the best of my ability in connection with any post issuance proceeding relating to the applications referenced herein or any patent issuing therefrom; (e) perform any and all affirmative acts to obtain Letters Patent covering the Invention and vest all right in such Letters Patent in the INSTITUTE; and (f) perform such additional acts as the INSTITUTE may deem necessary or expedient in connection with any of the matters stated above.

3. I covenant and warrant that at the time of my assignment to the INSTITUTE of my right, title and interest in the Invention and the applications set forth herein, I was the true and lawful owner of the rights, title and interests assigned, and had the full right and power to convey the same; that the same were free and clear of all liens, charges and encumbrances whatsoever; and that I have not executed and will not execute any agreement in conflict with this Assignment.

4. This Assignment is binding upon, shall inure to the benefit of, and shall be performed by the parties named, their heirs, administrators, legal representatives, successors and assigns.

5. This Assignment of patent rights in the invention is effective as of the date of conception of the Invention.

LEGAL NAME OF INVENTOR

Inventor: Longlong Cao

Date (Optional): December 9, 2020

Signature: Longlong Cao

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	MULTIFUNCTIONAL DIRECTIONAL WIRELINE CORE DRILLING DEVICE
---------------------------	--

As the below named inventor, I hereby declare that:

This declaration is directed to: The attached application, or United States application or PCT international application number _____ filed on _____

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.

For good and valuable consideration, the receipt of which I acknowledge, I have made the following assignment and promises to INSTITUTE OF EXPLORATION TECHNIQUES, CHINESE ACADEMY OF GEOLOGICAL SCIENCES ("the INSTITUTE"), a non-profit research institute, having an address of Room 5-2-301, 302, Huana Jinghu Garden, Dongli District, Tianjin, China 300000, in connection with my invention of a new and original MULTIFUNCTIONAL DIRECTIONAL WIRELINE CORE DRILLING DEVICE ("the Invention").

1. I have assigned and do hereby assign to the INSTITUTE my entire right, title and interest in and to: (a) the Invention; (b) application No. _____ for United States patent filed _____ (I hereby authorize insertion of the serial number and filing date upon filing of the Application) which claims priority from Chinese patent application No. CN 202011297328.5, filed November 19, 2020; (c) any other patent applications filed on the Invention in any country; (d) all patents which may be granted for the Invention pursuant to or as a result of the applications referenced herein; and (e) all reissues, divisions, and continuations of the application referenced herein or any patents issuing therefrom.

2. I agree that, upon the request of the INSTITUTE, I will: (a) execute any and all divisional and continuation applications for the Invention or improvements; (b) execute any supplemental oath or declaration relating to the Invention or improvements; (c) execute any application for reissue of any Letters Patent that may be granted upon the applications referenced herein; (d) cooperate to the best of my ability in connection with any post issuance proceeding relating to the applications referenced herein or any patent issuing therefrom; (e) perform any and all affirmative acts to obtain Letters Patent covering the Invention and vest all right in such Letters Patent in the INSTITUTE; and (f) perform such additional acts as the INSTITUTE may deem necessary or expedient in connection with any of the matters stated above.

3. I covenant and warrant that at the time of my assignment to the INSTITUTE of my right, title and interest in the Invention and the applications set forth herein, I was the true and lawful owner of the rights, title and interests assigned, and had the full right and power to convey the same; that the same were free and clear of all liens, charges and encumbrances whatsoever; and that I have not executed and will not execute any agreement in conflict with this Assignment.

4. This Assignment is binding upon, shall inure to the benefit of, and shall be performed by the parties named, their heirs, administrators, legal representatives, successors and assigns.

5. This Assignment of patent rights in the Invention is effective as of the date of conception of the Invention.

LEGAL NAME OF INVENTOR

Inventor: Hengchun Zhang Date (Optional): December 1, 2020

Signature: Hengchun Zhang

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention	MULTIFUNCTIONAL DIRECTIONAL WIRELINE CORE DRILLING DEVICE
--------------------	---

As the below named inventor, I hereby declare that:

This declaration is directed to: The attached application, or
 United States application or PCT international application number _____
 filed on _____

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.

For good and valuable consideration, the receipt of which I acknowledge, I have made the following assignment and promises to INSTITUTE OF EXPLORATION TECHNIQUES, CHINESE ACADEMY OF GEOLOGICAL SCIENCES ("the INSTITUTE"), a non-profit research institute, having an address of Room 5-2-301, 302, Huana Jinghu Garden, Dongli District, Tianjin, China 300000, in connection with my invention of a new and original MULTIFUNCTIONAL DIRECTIONAL WIRELINE CORE DRILLING DEVICE ("the invention").

1. I have assigned and do hereby assign to the INSTITUTE my entire right, title and interest in and to: (a) the invention; (b) application No. _____ for United States patent filed _____ (I hereby authorize insertion of the serial number and filing date upon filing of the Application) which claims priority from Chinese patent application No. CN 202011297328.8, filed November 19, 2020; (c) any other patent applications filed on the invention in any country; (d) all patents which may be granted for the invention pursuant to or as a result of the applications referenced herein; and (e) all reissues, divisions, and continuations of the application referenced herein or any patents issuing therefrom.
2. I agree that, upon the request of the INSTITUTE, I will: (a) execute any and all divisional and continuation applications for the invention or improvements; (b) execute any supplemental oath or declaration relating to the invention or improvements; (c) execute any application for reissue of any Letters Patent that may be granted upon the applications referenced herein; (d) cooperate to the best of my ability in connection with any post issuance proceeding relating to the applications referenced herein or any patent issuing therefrom; (e) perform any and all affirmative acts to obtain Letters Patent covering the invention and vest all right in such Letters Patent in the INSTITUTE; and (f) perform such additional acts as the INSTITUTE may deem necessary or expedient in connection with any of the matters stated above.
3. I covenant and warrant that at the time of my assignment to the INSTITUTE of my right, title and interest in the invention and the applications set forth herein, I was the true and lawful owner of the rights, title and interests assigned, and had the full right and power to convey the same; that the same were free and clear of all liens, charges and encumbrances whatsoever; and that I have not executed and will not execute any agreement in conflict with this Assignment.
4. This Assignment is binding upon, shall inure to the benefit of, and shall be performed by the parties named, their heirs, administrators, legal representatives, successors and assigns.
5. This Assignment of patent rights in the invention is effective as of the date of conception of the invention.

LEGAL NAME OF INVENTOR

Inventor: Wenshi Wang Date (Optional): December 9, 2020

Signature: Wenshi Wang

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of Invention

MULTIFUNCTIONAL DIRECTIONAL WIRELINE CORE DRILLING DEVICE

As the below named inventor, I hereby declare that:

This declaration is directed to:

The attached application, or

United States application or PCT international application number _____

filed on _____

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.

For good and valuable consideration, the receipt of which I acknowledge, I have made the following assignment and promises to INSTITUTE OF EXPLORATION TECHNIQUES, CHINESE ACADEMY OF GEOLOGICAL SCIENCES ("the INSTITUTE"), a non-profit research institute, having an address of Room 5-2-301, 302, Huana Jinghu Garden, Dongli District, Tianjin, China 300000, in connection with my invention of a new and original MULTIFUNCTIONAL DIRECTIONAL WIRELINE CORE DRILLING DEVICE ("the Invention").

1. I have assigned and do hereby assign to the INSTITUTE my entire right, title and interest in and to: (a) the invention; (b) application No. _____ for United States patent filed _____ (I hereby authorize insertion of the serial number and filing date upon filing of the Application) which claims priority from Chinese patent application No. CN 202011297328.6, filed November 19, 2020; (c) any other patent applications filed on the invention in any country; (d) all patents which may be granted for the invention pursuant to or as a result of the applications referenced herein; and (e) all reissues, divisions, and continuations of the application referenced herein or any patents issuing therefrom.

2. I agree that, upon the request of the INSTITUTE, I will: (a) execute any and all divisional and continuation applications for the invention or improvements; (b) execute any supplemental oath or declaration relating to the invention or improvements; (c) execute any application for reissue of any Letters Patent that may be granted upon the applications referenced herein; (d) cooperate to the best of my ability in connection with any post issuance proceeding relating to the applications referenced herein or any patent issuing therefrom; (e) perform any and all affirmative acts to obtain Letters Patent covering the invention and vest all right in such Letters Patent in the INSTITUTE; and (f) perform such additional acts as the INSTITUTE may deem necessary or expedient in connection with any of the matters stated above.

3. I covenant and warrant that at the time of my assignment to the INSTITUTE of my right, title and interest in the invention and the applications set forth herein, I was the true and lawful owner of the rights, title and interests assigned, and had the full right and power to convey the same; that the same were free and clear of all liens, charges and encumbrances whatsoever; and that I have not executed and will not execute any agreement in conflict with this Assignment.

4. This Assignment is binding upon, shall inure to the benefit of, and shall be performed by the parties named, their heirs, administrators, legal representatives, successors and assigns.

5. This Assignment of patent rights in the invention is effective as of the date of conception of the invention.

LEGAL NAME OF INVENTOR

inventor: Jia Yan

Date (Optional): December 9, 2020

Signature: Jia Yan

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Title of invention	MULTIFUNCTIONAL DIRECTIONAL WIRELINE CORE DRILLING DEVICE
--------------------	---

As the below named inventor, I hereby declare that:

This declaration is directed to: The attached application, or United States application or PCT international application number _____ filed on _____

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.

For good and valuable consideration, the receipt of which I acknowledge, I have made the following assignment and promises to INSTITUTE OF EXPLORATION TECHNIQUES, CHINESE ACADEMY OF GEOLOGICAL SCIENCES ("the INSTITUTE"), a non-profit research institute, having an address of Room 5-2-301, 302, Huana Jinghu Garden, Dongli District, Tianjin, China 300000, in connection with my invention of a new and original MULTIFUNCTIONAL DIRECTIONAL WIRELINE CORE DRILLING DEVICE ("the Invention").

1. I have assigned and do hereby assign to the INSTITUTE my entire right, title and interest in and to: (a) the Invention; (b) application No. _____ for United States patent filed _____ (I hereby authorize insertion of the serial number and filing date upon filing of the Application) which claims priority from Chinese patent application No. CN 202011297328.6, filed November 19, 2020; (c) any other patent applications filed on the Invention in any country; (d) all patents which may be granted for the Invention pursuant to or as a result of the applications referenced herein; and (e) all reissues, divisions, and continuations of the application referenced herein or any patents issuing therefrom.
2. I agree that, upon the request of the INSTITUTE, I will: (a) execute any and all divisional and continuation applications for the invention or improvements; (b) execute any supplemental oath or declaration relating to the Invention or improvements; (c) execute any application for reissue of any Letters Patent that may be granted upon the applications referenced herein; (d) cooperate to the best of my ability in connection with any post issuance proceeding relating to the applications referenced herein or any patent issuing therefrom; (e) perform any and all affirmative acts to obtain Letters Patent covering the Invention and vest all right in such Letters Patent in the INSTITUTE; and (f) perform such additional acts as the INSTITUTE may deem necessary or expedient in connection with any of the matters stated above.
3. I covenant and warrant that at the time of my assignment to the INSTITUTE of my right, title and interest in the Invention and the applications set forth herein, I was the true and lawful owner of the rights, title and interests assigned, and had the full right and power to convey the same; that the same were free and clear of all liens, charges and encumbrances whatsoever; and that I have not executed and will not execute any agreement in conflict with this Assignment.
4. This Assignment is binding upon, shall inure to the benefit of, and shall be performed by the parties named, their heirs, administrators, legal representatives, successors and assigns.
5. This Assignment of patent rights in the invention is effective as of the date of conception of the invention.

LEGAL NAME OF INVENTOR

Inventor: Jie Xu Date (Optional): December 9, 2020

Signature: Jie Xu