

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6938976

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT

**CONVEYING PARTY DATA**

Name	Execution Date
ZHUQING MAO	08/30/2021
RIKUI ZHANG	08/30/2021
PENG ZHANG	08/30/2021
JIANWEI WANG	08/30/2021
JIHUA WANG	08/30/2021
XIAOLEI JI	08/30/2021
XINCHENG LI	08/30/2021
YUXUAN SUN	08/30/2021
YIPENG WU	08/30/2021
CHUNQIANG LAN	08/30/2021
LIANG LV	08/30/2021

**RECEIVING PARTY DATA**

<b>Name:</b>	YANTAI JEREH PETROLEUM EQUIPMENT & TECHNOLOGIES CO., LTD.
<b>Street Address:</b>	NO. 27 JEREH ROAD, LAISHAN DISTRICT
<b>City:</b>	YANTAI, SHANDONG
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	264003

**PROPERTY NUMBERS Total: 1**

Property Type	Number
<b>Application Number:</b>	17485014

**CORRESPONDENCE DATA****Fax Number:** (215)568-6499*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.***Phone:** 2155686400**Email:** Spadilla@vklaw.com**Correspondent Name:** WESLEY T. MCMICHAEL, VOLPE KOENIG**Address Line 1:** 30 SOUTH 17TH STREET, 18TH FL.**Address Line 4:** PHILADELPHIA, PENNSYLVANIA 19103

<b>ATTORNEY DOCKET NUMBER:</b>	LSAYJP-PT003.2_C21P869501
<b>NAME OF SUBMITTER:</b>	WESLEY T. MCMICHAEL
<b>SIGNATURE:</b>	/Wesley T. McMichael/
<b>DATE SIGNED:</b>	09/27/2021
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 14**

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Atty. Docket No. LSAYJP-PT003.2 (C21P8695-01US)

**COMBINED DECLARATION AND ASSIGNMENT**

With respect to the invention titled

**OPEARTION METHOD OF A TURBINE FRACTURING DEVICE AND A  
TURBINE FRACTURING DEVICE**

the undersigned has authorized the application attached hereto. If the application is not attached hereto, the application is as identified by the attorney docket number as set forth above and/or the following:

United States Application No.: 17/485,014 filed on September 24, 2021.

I state and declare the following.

**DECLARATION**

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 have reviewed and understand the contents of the above-identified application, including the claims.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations § 1.56.

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 5 years, or both.

Atty. Docket No. \_\_\_\_\_

**ASSIGNMENT**

The undersigned hereby authorizes assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

Assignee	<b>YANTAI JEREH PETROLEUM EQUIPMENT &amp; TECHNOLOGIES CO., LTD.</b>
Assignee State or Country of Incorporation	<b>CHINA</b>
Assignee Address	<b>No. 27 Jereh Road, Laishan District Yantai, Shandong 264003 CHINA</b>

Assignee is desirous of acquiring the entire right, title and interest in the invention, all applications for and all letters patent issued on the invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, does hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest, legal and equitable, in the invention and all patent applications thereon, including, but not limited to, the application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of the invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

Atty. Docket No. \_\_\_\_\_

The undersigned warrants that the rights and property herein conveyed are free and clear of any encumbrance.

This Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, the undersigned hereby authorizes our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

Atty. Docket No. \_\_\_\_\_

**SIGNATURE SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name **Zhuqing MAO** ⇒ \_\_\_\_\_

Inventor's Signature ⇒ 马竹青

Date 08/30/2021

Signed at Yantai of china  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see \_\_\_\_\_  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness Signature \_\_\_\_\_

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form for a first filing. Use a separate form for each inventor; or check the box below and complete the attached page(s) to list additional inventors.

Additional inventors are being named on the 10 supplemental sheet(s) attached hereto.

Atty. Docket No. \_\_\_\_\_

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name **Rikui ZHANG** → \_\_\_\_\_

Inventor's Signature → ZHANG RIKUI

Date 08/30/2021

Signed at Yantai China  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see \_\_\_\_\_  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness Signature \_\_\_\_\_

Atty. Docket No. \_\_\_\_\_

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name ⇒ **Peng ZHANG** \_\_\_\_\_

Inventor's Signature ⇒ *张鹏* \_\_\_\_\_

Date *08/30/2021* \_\_\_\_\_

Signed at *Yantai of china* \_\_\_\_\_  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see \_\_\_\_\_  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness Signature \_\_\_\_\_



Atty. Docket No. \_\_\_\_\_

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name → Jianwei WANG

Inventor's Signature → 王健伟

Date 08/30/2021

Signed at Yantai of China.  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see \_\_\_\_\_  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness Signature \_\_\_\_\_

Atty. Docket No. \_\_\_\_\_

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name ⇒ **Jihua WANG** \_\_\_\_\_

Inventor's Signature ⇒  \_\_\_\_\_

Date 8/30/2021 \_\_\_\_\_

Signed at Yan tai of China \_\_\_\_\_  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see \_\_\_\_\_  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness  
Signature \_\_\_\_\_

Atty. Docket No. \_\_\_\_\_

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name **Xiaolei JI** ⇒ \_\_\_\_\_

Inventor's Signature ⇒                     *Xiaolei JI*                    

Date                     08/30/2021                    

Signed at                     Yantai of China                      
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see \_\_\_\_\_  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

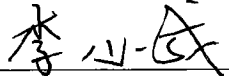
to me to be the person described herein.

Witness Signature \_\_\_\_\_

Atty. Docket No. \_\_\_\_\_

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name **Xincheng LI** ⇒ \_\_\_\_\_

Inventor's Signature ⇒  \_\_\_\_\_

Date 08/30/2021 \_\_\_\_\_

Signed at Yantai of china \_\_\_\_\_  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see \_\_\_\_\_  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness Signature \_\_\_\_\_

Atty. Docket No. \_\_\_\_\_

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name **Yuxuan SUN** → \_\_\_\_\_

Inventor's Signature → 孙宇轩

Date 08/30/2021

Signed at Yantai of china  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see \_\_\_\_\_  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness  
Signature \_\_\_\_\_

Atty. Docket No. \_\_\_\_\_

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name    **Yipeng WU**  
⇒ \_\_\_\_\_

Inventor's Signature ⇒ 吳永平 \_\_\_\_\_

Date                    08/30/2021 \_\_\_\_\_

Signed at            Yantai of china \_\_\_\_\_  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see \_\_\_\_\_  
inventor identified above

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date

to me to be the person described herein.

Witness  
Signature \_\_\_\_\_

Atty. Docket No. \_\_\_\_\_

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name ⇒ Chunqiang LAN

Inventor's Signature ⇒ 兰春强

Date 08 / 30 / 2021

Signed at Yantai of China  
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

was personally present and did see \_\_\_\_\_  
inventor identified above

execute this Assignment on \_\_\_\_\_ and such Assignor is personally known  
date

to me to be the person described herein.

Witness  
Signature \_\_\_\_\_

Atty. Docket No. \_\_\_\_\_

**SUPPLEMENTAL SHEET FOR  
DECLARATION AND ASSIGNMENT**

Inventor's Name    **Liang LV**  
⇒ \_\_\_\_\_

Inventor's Signature ⇒     吕亮    

Date                        08/30/2021    

Signed at                Yantai of China      
(City and Country)

**STATEMENT OF WITNESS (optional):**

I, \_\_\_\_\_  
Name of Witness

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