

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7423143

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
XIANZHONG YI	06/28/2022
SHIFAN ZHANG	06/28/2022
GUANGKUN XIA	06/28/2022
XINBO ZHAO	06/28/2022
YANBIN WANG	06/28/2022
YANGCHUAN KE	06/28/2022
JIFANG WAN	06/28/2022
YUANHUA ZHOU	06/28/2022
RECEIVING PARTY DATA	
Name:	YANGTZE UNIVERSITY
Street Address:	NO. 1, SOUTH RING ROAD
City:	JINGZHOU CITY, HUBEI PROVINCE
State/Country:	CHINA
Postal Code:	430000
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17860712
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	jjennings@craincaton.com
Correspondent Name:	WILLIAM P. JENSEN
Address Line 1:	1401 MCKINNEY STREET, SUITE 1700
Address Line 4:	HOUSTON, TEXAS 77010
ATTORNEY DOCKET NUMBER:	96808-1
NAME OF SUBMITTER:	WILLIAM P. JENSEN
SIGNATURE:	/William P. Jensen/
DATE SIGNED:	07/08/2022

Total Attachments: 2

source=Assignment#page1.tif

source=Assignment#page2.tif

ASSIGNMENT

WHEREAS, we, **Xianzhong Yi, Shifan Zhang, Guangkun Xia, Xinbo Zhao, Yanbin Wang, Yangchuan Ke, Jifang Wan, Yuanhua Zhou**, are the inventors of **"DOWNHOLE DISPLACEMENT IMPACT METHOD AND IMPACT DRILLING TOOL"**, for which application papers were submitted on **July 8, 2022**, and assigned serial number **17/860,712**; and

WHEREAS, **Yangtze University ("YU")**, a Chinese University, has equitable and legal rights in and to this invention and desires to confirm such rights through this assignment (hereinafter "Assignment") and therefore, acquire all right, title and interest in and to said invention;

NOW THEREFORE, for valuable consideration received, we hereby sell, assign, and transfer to said **YU**, its successors, assigns, designees and legal representatives, all right, title and interest in and to said invention in the United States and in all other countries throughout the world; including without limitation those in and to the above-named application and any continuation, substitute or division application thereof and the patent or patents which may be issued thereon in the United States and any reissue of any such patent, and those in and to any application or patent or utility model in any and all such other countries of the world, and further including the right to file further applications in all countries throughout the world in the name of **YU** or whomsoever that company may nominate, and to claim the priority of the above-named application or any other application permitted under the International Convention of Paris of 1883.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to **YU**, its successors, assigns, designees or other legal representatives, as assignee of my entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefore, to **YU**, its successors, assigns, designees, or other legal representatives and that if **YU**, its successors, assigns, designees or other legal representatives shall desire to file any divisional or continuation applications or to secure a reexamination or reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of **YU**, its successors, designees or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to **YU**, its successors, assigns, designees or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to us, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, designee, its successors, or other legal representatives.

And we hereby agree that we will upon request execute any instrument which **YU**, or whomsoever that company may nominate, desires to carry this Assignment in effect, and perfect the title transferred hereby, or to prosecute any of the above-mentioned applications or any foreign application on this invention.

IN TESTIMONY WHEREOF, we have executed this Assignment next to our names below, which shall be effective as of July 12, 2021.

Signature:

Xianzhong Yi
Xianzhong Yi

June 28, 2022
Date

Shifan Zhang
Shifan Zhang

June 28, 2022
Date

Guangkun Xia
Guangkun Xia

June 28, 2022
Date

Xinbo Zhao
Xinbo Zhao

June 28, 2022
Date

Yanbin Wang
Yanbin Wang

June 28, 2022
Date

Yangchuan Ke
Yangchuan Ke

June 28, 2022
Date

Jifang Wan
Jifang Wan

June 28, 2022
Date

Yuanhua Zhou
Yuanhua Zhou

June 28, 2022
Date

YANGTZE UNIVERSITY

Meiqiu Li

June 28, 2022
Date

By: Meiqiu Li

Title: Deputy Dean