PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7367516

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MINGZHONG GAO	06/02/2022
LING CHEN	06/02/2022
HEPING XIE	06/02/2022
ZHILONG ZHANG	06/02/2022
JUN GUO	06/02/2022
ZETIAN ZHANG	06/02/2022
RU ZHANG	06/02/2022
YIQIANG LU	06/02/2022
CONG LI	06/02/2022
ZHIQIANG HE	06/02/2022

RECEIVING PARTY DATA

Name:	SHENZHEN UNIVERSITY
Street Address:	NO. 3688 NANHAI AVENUE, NANSHAN
City:	SHENZHEN, GUANGDONG
State/Country:	CHINA
Postal Code:	518000
Name:	SICHUAN UNIVERSITY
Street Address:	NO. 24, SOUTH SECTION 1, FIRST RING ROAD, WUHOU DISTRICT
City:	CHENGDU, SICHUAN
State/Country:	CHINA
Postal Code:	610065

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17309238	

CORRESPONDENCE DATA

Fax Number:

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: 7037455495

PATENT REEL: 060112 FRAME: 0843

507320591

Email: docket@nkllaw.com

Correspondent Name: NOVICK, KIM & LEE, PLLC

Address Line 1: 3251 OLD LEE HIGHWAY, SUITE 500

Address Line 4: FAIRFAX, VIRGINIA 22030

ATTORNEY DOCKET NUMBER:	PA288.0084	
NAME OF SUBMITTER:	RISAKA ONO	
SIGNATURE:	/Risaka Ono/	
DATE SIGNED:	06/06/2022	

Total Attachments: 3

source=PA288-0084-Assignment#page1.tif source=PA288-0084-Assignment#page2.tif source=PA288-0084-Assignment#page3.tif

Page 1 of 3

Docket No.: PA288.0084

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

DRILLING CONTROL MECHANISM OF CORE DRILLING RIG

for which I/WE executed an application for United States Letters Patent that was filed or will be filed in the United States Patent and Trademark Office; and

WHEREAS, **SHENZHEN UNIVERSITY**, a corporation of CHINA, whose post office address is No. 3688 Nanhai Avenue, Nanshan, Shenzhen, Guangdong 518000, China and **SICHUAN UNIVERSITY**, a corporation of CHINA, whose post office address is No. 24, South Section 1, First Ring Road, Wuhou District, Chengdu, Sichuan 610065, China (hereinafter referred to as Assignees), are desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee(s) is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee(s), its/their lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/We hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to Assignee(s), its/their successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee(s), its/their successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said Assignee(s), its/their successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee(s), its/their successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee(s), its/their successors and assigns.

Page 2 of 3

Docket No.: PA288.0084

AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Power of Attorney in this application, to insert here in parentheses (Application No. 17/309,238, filed May 10, 2021) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR GAO, Mingzhong	ASSIGNOR'S SIGNATURE	7022-06-0L
ADDRESS No. 24, South Section 1, First Ring Road, Wuhou	CŤIZENSHIP CN	
2. FULL NAME OF SECOND ASSIGNOR, IF ANY CHEN, Ling	ASSIGNOR'S SIGNATURE CHFN: Lh.0	DATE 7022-06-02
ADDRESS No. 24, South Section 1, First Ring Road, Wuhou	, ,	CITIZENSHIP CN
3. FULL NAME OF THIRD ASSIGNOR, IF ANY XIE, Heping	ASSIGNOR'S SIGNATURE XIE, Hepag	DATE 200-06-07 CITIZÉNSHIP
ADDRESS No. 24, South Section 1, First Ring Road, Wuhou	1 4	CITIZÉNSHIP CN
4. FULL NAME OF FOURTH ASSIGNOR, IF ANY ZHANG, Zhilong	ASSIGNOR'S SIGNATURE 7HANG, Thibng	DATE 201-06-02
ADDRESS No. 24, South Section 1, First Ring Road, Wuhou	District, Chengdu, Sichuan 610065, China	CITIZENSHIP CN
5. FULL NAME OF FIFTH ASSIGNOR, IF ANY GUO, Jun	ASSIGNOR'S SIGNATURE	DATE 2072 - 06-02
ADDRESS No. 24. South Section 1, First Ring Road, Wuhou	District, Chengdu, Sichuan 610065, China	CITIZENSHIP CN
6. FULL NAME OF SIXTH ASSIGNOR, IF ANY ZHANG, Zetian	assignor's signature 2HANQ, Zetian	DATE 2022-06-02
ADDRESS No. 24, South Section 1, First Ring Road, Wuhou	District, Chengdu, Sichuan 619065, China	CITIZENSHIP CN
7. FULL NAME OF SEVENTH ASSIGNOR, IF ANY ZHANG, Ru	ASSIGNOR'S SIGNATURE ZHAMA, RU	DATE 206-02
ADDRESS No. 24, South Section 1, First Ring Road, Wuhou	District, Chengdu, Sichuan 610065, China	CITIZENSHIP CN
8. FULL NAME OF EIGHTH ASSIGNOR, IF ANY LU, Yiqiang	ASSIGNOR'S SIGNATURE	DATE 2021-06-02
ADDRESS No. 24, South Section 1, First Ring Road, Wuhou		CITÍZENSHIP CN
9. FULL NAME OF NINTH ASSIGNOR, IF ANY LI, Cong	ASSIGNOR'S SIGNATURE	DATE 1072-06-02
ADDRESS No. 24, South Section 1, First Ring Road, Wuhou	District, Chengdu, Sichuan 610065, China	CITIZENSHIP CN
10. FULL NAME OF TENTH ASSIGNOR, IF ANY HE, Zhìqiang	Assignor's signature He, Diging	DATE 2072-96-02

Page 3 of 3 Docket No.: PA288.0084

ADDRESS	CITIZENSHIP
No. 24, South Section 1, First Ring Road, Wuhou District, Changdu, Sichuan 610065, China	CN
2	<u> </u>

RECORDED: 06/06/2022