PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
QILONG XU	07/20/2022
JUN QU	07/20/2022
JIN WANG	07/20/2022
YIFAN HU	07/20/2022
JINTAO LU	07/20/2022

RECEIVING PARTY DATA

Name:	QILONG XUE
Street Address:	29 XUEYUAN ROAD
Internal Address:	HAIDIAN DISTRICT
City:	BEIJING
State/Country:	CHINA
Postal Code:	100083

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17818385

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.

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ATTORNEY DOCKET NUMBER:	CUG-002UTIL
NAME OF SUBMITTER:	N. ALEXANDER NOLTE
SIGNATURE:	/N.Alexander Nolte/
DATE SIGNED:	08/09/2022

Total Attachments: 2

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ASSIGNMENT

WHEREAS, we,

(1)	Qilong XUE	of Beijing, China
(2)	Jun QU	of Beijing, China
(3)	Jin WANG	of Beijing, China
(4)	Yifan HU	of Beijing, China
(5)	Jintao LU	of Beijing, China

have invented certain improvements in

PURE MECHANICAL WELL DEVIATION WIRELESS MEASUREMENT-WHILE-DRILLING AND MUD PULSE GENERATION DEVICE

for which we have filed a Patent Application for Letters Patent on		as Application
No; and	*****	

WHEREAS, CHINA UNIVERSITY OF GEOSCIENCES (BEIJING) (Assignee), having its principal office and place of business at 29 Xueyuan Road, Haidian District, Beijing 100083, China, is desirous of obtaining the entire right, title, and interest in, to and under said invention and said application in the United States of America and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives, and assigns, the entire right, title, and interest in, to and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuing applications thereof, and all Letters Patent of the United States of America which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may be filled for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and all prior patents and patent applications from which a filling priority of the above-described patent application may be obtained, including the right to collect past damages; and we hereby authorize and request the Commissioner of Patents of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to the said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.

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AND WE HEREBY further covenant and agree that we will communicate to said Assignee, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceedings, sign all lawful papers, execute all divisional, renewal, substitutional, continuing, and reissue applications, make all rightful declarations and/or caths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said invention in all countries.

First Inventor Name: Residence Address:	Qilong XUE 29 Xueyuan Road, Ha District, Beijing 10008	
Dated: JWy 20	. >07/	Citors XUE
Second Inventor Name; Residence Address;	Jun QU 29 Xueyuan Road, Ha District, Beijing 10008:	
Dated: JULY 20, 20	1-1	Jun GU
	••••••	Inventor Signature
Third Inventor Name: Residence Address:	Jin WANG 29 Xueyuan Road, Hai District, Beijing 10008:	
Dated: 1014 20, 20	v.2	Jin WANG
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Inventor Signature
Fourth Inventor Name: Residence Address:	Yifan HU 29 Xueyuan Road, Hai District, Beijing 100083	
Dated: July >0, 202	<u>x</u>	Y i Jan Hu Inventor Signature
Fifth Inventor Name; Residence Address:	Jintao LU 29 Xueyuan Road, Hai District, Beljing 100083	
Dated: July 20, 2022		Jintao LU Inventor Signature

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