

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YAOXING HU	12/20/2022
CHUNLEI ZHAO	12/20/2022
XIQIANG XU	12/20/2022
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<b>City:</b>	BEIJING
<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	18098114
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<b>DATE SIGNED:</b>	01/18/2023
<b>Total Attachments: 2</b>	
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**ASSIGNMENT**

**YAOXING HU** having a mailing address NO. 19, BEITUCHENG WESTERN ROAD,  
CHAOYANG DISTRICT, BEIJING, CHINA

**CHUNLEI ZHAO** having a mailing address NO. 19, BEITUCHENG WESTERN ROAD,  
CHAOYANG DISTRICT, BEIJING, CHINA

**XIQIANG XU** having a mailing address NO. 19, BEITUCHENG WESTERN ROAD,  
CHAOYANG DISTRICT, BEIJING, CHINA (hereafter referred to as the undersigned), are the  
inventors of the U.S. patent application to be filed entitled:

**METHOD AND APPARATUS FOR UNDERWATER ACOUSTIC COMMUNICATION**

The above U.S. application was assigned serial no. \_\_\_\_\_ and was filed on \_\_\_\_\_. 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.

**INSTITUTE OF GEOLOGY AND GEOPHYSICS, THE CHINESE ACADEMY OF SCIENCES**

Having a place of business NO. 19, BEITUCHENG WESTERN ROAD, CHAOYANG  
DISTRICT, BEIJING, CHINA (hereafter referred to as the assignee), is desirous of the entire  
right, title and interest in the above-identified application, in said invention described therein, all  
applications for and all letters patent issued on said 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 in said  
invention and all patent applications thereon, including, but not limited to, the application for  
United States Letters Patent entitled as above, in any subsequent nonprovisional applications filed  
for this invention or improvements thereto, and all divisions and continuations thereof, any  
Registered Community Design applications, 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 said 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.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance. EXECUTED under seal on the following date 2022-12-20

Typed or printed name	Signature
YAOXING HU	YAOXING HU
CHUNLEI ZHAO	CHUNLEI ZHAO
XIQIANG XU	XIQIANG XU