

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| YIFAN ZENG | 06/06/2023 |
| QIANG WU | 06/06/2023 |
| WEIHONG YANG | 06/06/2023 |
| ZHAOLAI HUA | 06/06/2023 |
| YANPING MIAO | 06/06/2023 |
| LU WANG | 06/06/2023 |
| KAI PANG | 06/06/2023 |
| LEI YANG | 06/06/2023 |
| AOSHUANG MEI | 06/06/2023 |
| SHIHAO MENG | 06/06/2023 |
| HAN BAO | 06/06/2023 |
| XUE LIU | 06/06/2023 |
| XUAN XIAO | 06/06/2023 |
| RECEIVING PARTY DATA | |
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| City: | ORDOS |
| State/Country: | CHINA |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 18332606 |
| 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: | P-23FY1042US |
| NAME OF SUBMITTER: | CHEN LE |
| SIGNATURE: | /Chen Le/ |
| DATE SIGNED: | 06/09/2023 |

Total Attachments: 4

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Combined Declaration and Assignment for Utility or Design Patent Application

DECLARATION

| | |
|-----------------------|---------------------------------------|
| Title of Invention | METHOD FOR BLOCKING MINE WATER INRUSH |
|-----------------------|---------------------------------------|

As the below named inventor, I hereby declare that:

This declaration is directed to: The attached application, or
 United States application _____
 filed on _____

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 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 five (5) years, or both.

ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged by the undersigned inventor(s) (hereinafter ASSIGNOR). The undersigned ASSIGNOR hereby:

1. Sell, assign and transfer to CHINA UNIVERSITY OF MINING AND TECHNOLOGY, BEIJING, a university in the People's Republic of China having a place of business at No.11, Xueyuan Road, Haidian District, Beijing 100083, China, and University of Mining and Technology-Beijing Inner Mongolia Research Institute, an institute in the People's Republic of China having a place of business at Building L5-5101, Zone A, Athletes Village, Xianghe Road, Kangbashi District, Ordos City, Inner Mongolia Autonomous Region, 017000, China (hereinafter ASSIGNEE), the entire right, title and interest in any and all improvements and inventions disclosed in applications based upon, and patents (including foreign patents and the right to claim priority) granted upon, the above-referenced application.
2. Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division, continuation, substitute, renewal, re-examination or reissue thereof to the ASSIGNEE.

3. Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
4. Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representative, and shall be binding upon the inventor, as well as the inventor's heirs, legal representatives and assigns.
5. Warrant and represent that we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.
6. Authorize and request our representatives to insert above the application number in order to assist with recording of this assignment.

Hereby executed by the undersigned on the date opposite the undersigned name:

Legal name of inventor: Yifan ZENG

Inventor's signature: Yifan ZENG

Date: June 6, 2023

Legal name of inventor: Qiang WU

Inventor's signature: Qiang Wu

Date: June 6, 2023

Legal name of inventor: Weihong YANG

Inventor's signature: Weihong YANG

Date: June 6, 2023

Legal name of inventor: Zhaolai HUA

Inventor's signature: Zhaolai HUA

Date: June 6, 2023

Legal name of inventor: Yanping MIAO

Inventor's signature: Yanping MIAO

Date: June 6, 2023

Legal name of inventor: Lu WANG

Inventor's signature: Lu WANG

Date: June 6, 2023

Legal name of inventor: Kai PANG

Inventor's signature: Kai PANG

Date: June 6, 2023

Legal name of inventor: Lei YANG

Inventor's signature: Lei YANG

Date: June 6, 2023

Legal name of inventor: Aoshuang MEI

Inventor's signature: Aoshuang MEI

Date: June 6, 2023

Legal name of inventor: Shihao MENG

Inventor's signature: Shihao MENG

Date: June 6, 2023

Legal name of inventor: Han BAO

Inventor's signature: Han BAO

Date: June 6, 2023

Legal name of inventor: Xue LIU

Inventor's signature: Xue LIU

Date: June 6, 2023

Legal name of inventor: Xuan XIAO

Inventor's signature: Xuan XIAO

Date: June 6, 2023