

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT8249207

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YAPENG CAO	08/17/2023
GUOYU LI	08/17/2023
WEI MA	08/17/2023
DUN CHEN	08/17/2023
KAI GAO	08/17/2023
GANG WU	08/17/2023
RECEIVING PARTY DATA	
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State/Country:	CHINA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	18458134
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DATE SIGNED:	10/30/2023
Total Attachments: 4	
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ASSIGNMENT

WHEREAS WE, the below named inventors (hereinafter referred to as Assignors) have made an invention entitled:

ANTI-FROST HEAVING SUPPORTS AND METHODS FOR CRUDE OIL PIPELINES CROSSING PERMAFROST REGIONS

claiming priority to Chinese Patent Application No. 202310051449.X filed on February 2, 2023; and

WHEREAS, NORTHWEST INSTITUTE OF ECO-ENVIRONMENT AND RESOURCES, CAS, a Chinese research institute whose address is No. 318, Donggang West Road, Chengguan District, Lanzhou, Gansu, 730030, P.R. China (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to all applications for United States Letters Patent on this invention and the Letters Patent to be issued thereon;

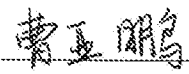
NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, and these applications, and all national phase applications, divisions and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority in the United States and any other country on the basis of the above applications, and all applications for Letters Patent which may hereafter be filed for this invention in the United States and any other country and all Letters Patent which may be granted on this invention in the United States and any other country, and all extensions, renewals, and reissues thereof; and We hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any other country whose duty is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

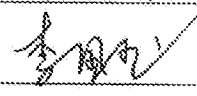
AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

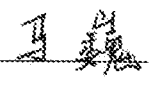
AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any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

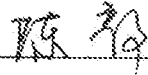
AND, WE HEREBY authorize and request a patent practitioner of record in this application, to insert the filing date, country of filing, and application number of the above-referenced application(s) when known.

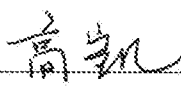
IN TESTIMONY WHEREOF, We have hereunto set our hands.

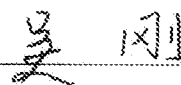
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