506619505 04/20/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ZHIQING LI	04/16/2021
YINGXIN ZHOU	04/14/2021
JIANWEI HOU	04/14/2021
PENGPENG ZHANG	04/14/2021

RECEIVING PARTY DATA

Name:	INSTITUTE OF GEOLOGY AND GEOPHYSICS, CHINESE ACADEMY OF SCIENCES
Street Address:	19 BEITUCHENG WEST ROAD
Internal Address:	CHAOYANG DISTRICT
City:	BEIJING
State/Country:	CHINA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17235489

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	NGAOW.00003		
NAME OF SUBMITTER:	STEPHEN Y. LIU		
SIGNATURE:	/Stephen Y. Liu/		
DATE SIGNED:	04/20/2021		

Total Attachments: 2

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> **PATENT REEL: 055977 FRAME: 0930**

506619505

ASSIGNMENT

WHEREAS, WE, Zhiqing LI, a citizen of China, with an address of 19 Beitucheng West Road, Chaoyang District, Beijing, China; Yingxin ZHOU, a citizen of China, with an address of 19 Beitucheng West Road, Chaoyang District, Beijing, China; Jianwei HOU, a citizen of China, with an address of 19 Beitucheng West Road, Chaoyang District, Beijing, China; Pengpeng ZHANG a citizen of China, with an address of 19 Beitucheng West Road, Chaoyang District, Beijing, China, are joint inventors of the invention entitled DESIGN AND CONSTRUCTION METHOD FOR IMPROVING EXPANSIVE SOIL EMBANKMENT USING PHOSPHOGYPSUM AND MICROBE, for which we have executed an application for Letters Patent of the United States with attorney reference number MGAOW.00003 ; and

WHEREAS, INSTITUTE OF GEOLOGY AND GEOPHYSICS, CHINESE ACADEMY OF SCIENCES, incorporated in China, with a place of business at 19 Beitucheng West Road, Chaoyang District, Beijing, China (hereinafter "ASSIGNEE"), is desirous of obtaining the entire right, title, and interest in, to, and under the said invention and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said Zhiqing LI, Yingxin ZHOU, Jianwei HOU, and Pengpeng ZHANG, 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 divisions, renewals, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States, and all extensions, renewals, and reissues thereof, and all rights of priority in any such country or countries based upon the filing of the said application for Letters Patent of the United States which are created by any law, treaty, or international convention; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, 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.

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Assignment

PATENT REEL: 055977 FRAME: 0931 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.

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 proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful eaths 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.

IN TESTIMONY WHEREOF, we hereunto set our hands and seals the day and year set opposite our signatures.

Date: APVI	llp	, 2021	كان إنها كا Zhiqing Li	
			zhiqing li Ying Xin - ZHOU	
Date: <u>APril</u>	<u> </u>	, 2021	Yingxin ZHOU	
Date: APYIL		2021	JlanWCl Hol Jianwei Holl	
Date: APIL	W	, 2021	pengpeng 2HANG	
			Pengpeng ZHANG	

RECORDED: 04/20/2021