507860506 04/18/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7907637

SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	ASSIGNMENT
RESUBMIT DOCUMENT ID:	507827479

CONVEYING PARTY DATA

Name	Execution Date
CHINA INSTITUTE OF WATER RESOURCES AND HYDROPOWER RESEARCH	03/22/2023

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16993530

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NAME OF SUBMITTER:	JEFFREY W. GLUCK
SIGNATURE:	/Jeffrey W. Gluck/
DATE SIGNED:	04/18/2023

Total Attachments: 3

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PATENT 507860506 REEL: 063361 FRAME: 0222

Attorney Docket No.: 689510-5US

ASSIGNMENT

WHEREAS, China Institute of Water Resources and Hydropower Research, a corporation, having a post office address of 1266, Block A, No.1, Fuxing Road, Haidian District, Beijing 100038, China, hereinafter generally referred to as "ASSIGNOR" is the owner of certain new and useful inventions for which patent applications have been applied for and/or Letters Patent have issued as set forth on Schedule A attached hereto.

WHEREAS, Tianjie LEI, an individual having an address of No. 12, Zhongguancun South Street, Haidian District, Beijing 100081, China, hereinafter generally referred to as "ASSIGNEE" is desirous of acquiring said inventions, applications and/or Letters Patents as set forth on Schedule A.

NOW, THEREFORE, for good and valuable consideration, the full receipt and sufficiency of which are hereby acknowledged, and intending to be legally bound hereby. China Institute of Water Resources and Hydropower Research, a corporation, the undersigned ASSIGNOR, hereby agrees to sell, assign, transfer and convey and by these presents does sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said inventions, applications and/or Letters Patents as described above and as set forth in Schedule A, for the territory of the United States and its possessions and territories and all foreign countries;

in and to the above applications and/or Letters Patents and all United States and foreign Letters Patents which may be granted on said inventions including divisions, reissues and continuations; and

together with all claims for damages by reason of past infringement of said Letters Patents with the right to sue for and collect the same for its own use and behalf or for the use and behalf of its legal representatives;

said inventions, applications and/or Letters Patents to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behalf, and for ASSIGNEE's legal representative and assigns to the full end of the term or terms for which said Letters Patents have been granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been made; and for the aforesaid consideration ASSIGNOR hereby covenants, agrees and undertakes to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining ASSIGNEE the Letters Patents hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNOR.

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ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

	By. China Institute of Water Resources and Hydropower Research
March >2, 2023	Jingxuan LU Signature
Date	Printed name: Jingxuan LU Title: Deputy Director
March 22,2023	AGREED AND ACCEPTED BY ASSIGNEE Tionji'e [E]
Date	Signature Printed name Tianjie LEI Title:

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{00576510,v1}

PATENT REEL: 063361 FRAME: 0224

Attorney Docket No.: 689510-5US

SCHEDULE A

App. No.	<u>Title</u>	Filing Date	Docket No.
16/993,530	Method And System For Precisely Positioning Collapsed Area Of High Slope	August 14, 2020	689510-5US

{00576510;v1}

RECORDED: 03/30/2023

PATENT

REEL: 063361 FRAME: 0225