

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Lieyu ZHANG	03/21/2018
Donghai YUAN	03/22/2018
Jiaxi LI	03/21/2018
Ying XIONG	03/22/2018
Guowen LI	03/21/2018
Caole LI	03/21/2018
RECEIVING PARTY DATA	
Name:	BEIJING UNIVERSITY OF CIVIL ENGINEERING AND ARCHITECTURE
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State/Country:	CHINA
Postal Code:	100044
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15902707
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NAME OF SUBMITTER:	CAROL TYRRELL
SIGNATURE:	/Carol Tyrrell/
DATE SIGNED:	04/10/2018

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Total Attachments: 4

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ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, LIEYU ZHANG, DONGHAI YUAN, JIA XILLI, YING XIONG, GUOWEN LI, and CAOLE LI, each individually assign to BEIJING UNIVERSITY OF CIVIL ENGINEERING AND ARCHITECTURE, a public institution of higher education formed under the laws of China and having a principal place of business at No. 1 Zhan Lan Guan Rd., Xicheng District, Beijing 100044, CHINA, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the subject matter (the "Subject Matter") of a patent application that names us as inventors, is titled "DEVICE FOR TREATING A BLACK AND ODOROUS WATER BODY WITH A BIONIC PROCESS," and was filed in the United States Patent and Trademark Office on February 22, 2018, as application 15/902,707 (the "Application").

This Assignment assigns (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter, will execute and provide all oaths and

declarations, statements, testimony, assignments, powers of attorney, applications, and documents, and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

Lieyu Zhang
Lieyu ZHANG

Date: March 21, 2018

Witnessed by:

Signature: Wei LI

Date: March 21, 2018

Print Name: Wei LI

Signature: Fan Wang

Date: March 21, 2018

Print Name: Fan WANG

Donghai YUAN
Donghai YUAN

Date: March 22, 2018

Witnessed by:

Signature: Tao MA

Date: March 22, 2018

Print Name: Tao MA

Signature: Na LI

Date: March 22, 2018

Print Name: Na LI

Jiaxi LI

Date: March 21, 2018

Jiaxi LI

Witnessed by:

Signature: Wei LI

Date: March 21, 2018

Print Name: Wei LI

Signature: Fan Wang

Date: March 21, 2018

Print Name: Fan WANG

Ying XIONG

Date: March 22, 2018

Ying XIONG

Witnessed by:

Signature: Tao MA

Date: March 22, 2018

Print Name: Tao MA

Signature: Na LI

Date: March 22, 2018

Print Name: Na LI

Guowen Li

Date: March 21, 2018

Guowen LI

Witnessed by:

Signature: Wei LI

Date: March 21, 2018

Print Name: Wei LI

Signature: Fan Wang

Date: March 21, 2018

Print Name: Fan WANG

Caole LI

Date: March 21, 2018

Caole LI

Witnessed by:

Signature: Wei LI

Date: March 21, 2018

Print Name: Wei LI

Signature: Fan Wang

Date: March 21, 2018

Print Name: Fan WANG

The Assignee hereby acknowledges and accepts the foregoing assignment.

Assignee: BEIJING UNIVERSITY OF CIVIL ENGINEERING AND ARCHITECTURE

Signature: Chiyu JIAO

Date: March 26, 2018

Name: Chiyu JIAO

Title: Deputy director of the science and Technology Department

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