

## PATENT ASSIGNMENT COVER SHEET

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|                                                                                                                                                                                                 |                                                    |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                                     |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                                         |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                                    |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>                              |
| XIANGJIAN XU                                                                                                                                                                                    | 12/09/2020                                         |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                                    |
| <b>Name:</b>                                                                                                                                                                                    | CHINESE RESEARCH ACADEMY OF ENVIRONMENTAL SCIENCES |
| <b>Street Address:</b>                                                                                                                                                                          | NO.8 ANWAI BEIYUAN DAYANGFANG, CHAOYANG DISTRICT   |
| <b>City:</b>                                                                                                                                                                                    | BEIJING                                            |
| <b>State/Country:</b>                                                                                                                                                                           | CHINA                                              |
| <b>Postal Code:</b>                                                                                                                                                                             | 100012                                             |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                                    |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                                      |
| <b>Application Number:</b>                                                                                                                                                                      | 16183514                                           |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                                    |
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| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 200280.404                                         |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | SHI LIU                                            |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Shi Liu/                                          |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 12/09/2020                                         |
| <b>Total Attachments: 3</b>                                                                                                                                                                     |                                                    |
| source=404_Assignment_added_inventor_XiangjianXU#page1.tif                                                                                                                                      |                                                    |
| source=404_Assignment_added_inventor_XiangjianXU#page2.tif                                                                                                                                      |                                                    |
| source=404_Assignment_added_inventor_XiangjianXU#page3.tif                                                                                                                                      |                                                    |

# ASSIGNMENT

## WHEREAS, I,

| Name         | Address                                                            |
|--------------|--------------------------------------------------------------------|
| Xiangjian Xu | No.8 Anwai Beiyuan Dayangfang, Chaoyang District<br>Beijing 100012 |

(hereinafter referred to as ASSIGNOR), having a mailing address as listed above, am an inventor of an invention entitled "IN-SITU THERMAL DESORPTION SYSTEM, IN-SITU THERMAL DESORPTION-OXIDATION REPAIR SYSTEM AND REPAIR METHOD," as described and claimed in the specification for which an application for United States letters patent was filed on November 7, 2018, and assigned Application No. 16/183,514;

## WHEREAS,

| Corporation Name                                      | Address                                                            |
|-------------------------------------------------------|--------------------------------------------------------------------|
| Chinese Research Academy<br>of Environmental Sciences | No.8 Anwai Beiyuan Dayangfang, Chaoyang District<br>Beijing 100012 |

(hereinafter referred to as ASSIGNEE), a corporation having a place of business at the address listed above, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions including any extensions or adjustments in term thereof and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, and including the right to sue and collect damages for past and present infringement of said letters patent; said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby

Application No. 16/183,514

authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

December 9, 2020  
Date

Xiangjian Xu  
Xiangjian Xu (Assignor)

I certify that I know or have satisfactory evidence that Xiangjian Xu signed this instrument of his/her own free will, as a voluntary act for the uses and purposes mentioned in the instrument.

Date December 9, 2020  
Yu Yang  
(Name of Witness)

Signed at Beijing  
(City, State or Country)  
Yu Yang  
(Signature of Witness)

Application No. 16/183,514

Chinese Research Academy of Environmental Sciences

December 9, 2010  
Date

Yonghai Jiang (Assignee)  
(Signatory Signature)

Yonghai Jiang  
(Assignee Signatory Name, Title)

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