

## 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>                            |
| HAIYING HUANG   | 10/26/2018                                       |
| HAO JIANG   | 10/26/2018                                       |
| <b>RECEIVING PARTY DATA</b>   |  |
| <b>Name:</b>  | BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM |
| <b>Street Address:</b>  | 201 WEST 7TH STREET                              |
| <b>City:</b>  | AUSTIN   |
| <b>State/Country:</b>   | TEXAS  |
| <b>Postal Code:</b>   | 78701  |
| <b>PROPERTY NUMBERS Total: 1</b>  |  |
| <b>Property Type</b>  | <b>Number</b>                                    |
| <b>Application Number:</b>  | 14860647   |
| <b>CORRESPONDENCE DATA</b>  |  |
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| <b>Address Line 4:</b>  | ATLANTA, GEORGIA 30308                           |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 2100 12-24CIP                                    |
| <b>NAME OF SUBMITTER:</b>   | STEPHEN J. TERRELL                               |
| <b>SIGNATURE:</b>   | /Stephen J. Terrell/                             |
| <b>DATE SIGNED:</b>   | 11/05/2018                                       |
| <b>Total Attachments: 4</b>   |  |
| source=12-24CIPExecutedAssignment-Huang#page1.tif   |  |
| source=12-24CIPExecutedAssignment-Huang#page2.tif   |  |
| source=12-24CIPExecutedAssignment-Jiang#page1.tif   |  |
| source=12-24CIPExecutedAssignment-Jiang#page2.tif   |  |

## ASSIGNMENT

I, Haiying Huang, of 1403 Woodbine Street, Arlington, Texas 76012, a citizen of the United States, and Jian Hao, 201 West 7<sup>th</sup> Street, Austin, Texas 78701, a citizen of the United States, have invented a **Sensor Assembly, Method, and Device for Monitoring Shear Force and Pressure on a Structure**. This is an Assignment of the following rights, title and interest: (check all that apply):

- ☒ United States of America rights, title and interest in the invention.
- ☐ Foreign rights, title and interest in the invention
- ☐ An application to the Commissioner for Patents of the United States of America filed herewith.
- ☐ An application to the Commissioner for Patents of the United States of America has been executed by the undersigned on: \_\_\_\_\_
- ☐ United States Provisional Patent Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_
- ☒ United States Patent Application Serial No. 14/860647 filed on September 21, 2015 (the "invention").
- ☐ United States Patent No(s). \_\_\_\_\_
- ☐ International (PCT Patent Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_
- ☐ Other (specify): \_\_\_\_\_

I was employed by The University of Texas at Arlington, a State Institution of Higher Education established under the laws of the State of Texas within The University of Texas System, at the time the invention was made. The conditions under which said invention was made are such as to entitle the Board of Regents, The University of Texas System (hereinafter SYSTEM), having a place of business at 210 West 7<sup>th</sup> St., Austin, TX 78701, to the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I the undersigned, have voluntarily sold, assigned, and transferred and do voluntarily sell, assign, and transfer to SYSTEM, and successors and assigns, my full and exclusive right, title and interest in and to the invention(s) disclosed in said application throughout the world, including the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in said application. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reexamination, reissue, prolongation or extension thereof, to the extent that same were invented by me while employed by The University of Texas at Arlington; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

I authorize and request the issuance of said Letters Patent to SYSTEM, as assignee of the entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

I warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest here conveyed at the time of the execution of the present assignment.

I also hereby assign all rights, title and interest to any improvements related to said invention(s) to

SYSTEM to the extent that said improvements were invented by me while employed by The University of Texas at Arlington and agree to promptly and fully communicate to SYSTEM any facts and information known to me respecting any improvements related to said invention(s) and said application while any patent application anywhere in the world is still pending that claims priority, whether directly or indirectly, from said invention(s) or said application. I will maintain any such facts and information in confidence and will only reveal such facts and information to SYSTEM or its assigns.

I also agree upon reasonable request to communicate to SYSTEM, its representatives, assigns or agents, any facts known to us respecting the invention, and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid SYSTEM and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

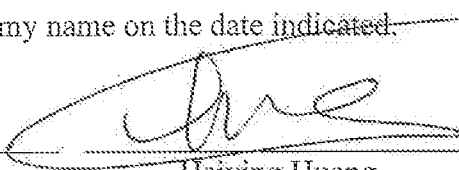
I have authorized SYSTEM to file and prosecute this patent application, as well as any corresponding international or national applications that claim priority from it. SYSTEM has the right to select attorneys or agents of its choice to prosecute at its discretion these applications on its behalf.

I grant SYSTEM, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, I have signed my name on the date indicated.

Dated:

10/26/2018

  
Haiying Huang

Dated:

Hao Jiang

## ASSIGNMENT

I, Haiying Huang, of 1403 Woodbine Street, Arlington, Texas 76012, a citizen of the United States, and Jiang Hao, 201 West 7<sup>th</sup> Street, Austin, Texas 78701, a citizen of China, have invented a **Sensor Assembly, Method, and Device for Monitoring Shear Force and Pressure on a Structure**. This is an Assignment of the following rights, title and interest: (check all that apply):

- ☒ United States of America rights, title and interest in the invention.  
☐ Foreign rights, title and interest in the invention  
☐ An application to the Commissioner for Patents of the United States of America filed herewith.  
☐ An application to the Commissioner for Patents of the United States of America has been executed by the undersigned on: \_\_\_\_\_  
☐ United States Provisional Patent Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_  
☒ United States Patent Application Serial No. 14/860647 filed on September 21, 2015 (the "invention").  
☐ United States Patent No(s). \_\_\_\_\_  
☐ International (PCT Patent Application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_  
☐ Other (specify): \_\_\_\_\_

I was employed by The University of Texas at Arlington, a State Institution of Higher Education established under the laws of the State of Texas within The University of Texas System, at the time the invention was made. The conditions under which said invention was made are such as to entitle the Board of Regents, The University of Texas System (hereinafter SYSTEM), having a place of business at 210 West 7<sup>th</sup> St., Austin, TX 78701, to the entire right, title, and interest in the invention, in the United States and all other countries throughout the world.

For good and valuable consideration, the receipt, sufficiency and adequacy of which are hereby acknowledged, I the undersigned, have voluntarily sold, assigned, and transferred and do voluntarily sell, assign, and transfer to SYSTEM, and successors and assigns, my full and exclusive right, title and interest in and to the invention(s) disclosed in said application throughout the world, including the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in said application. This includes an assignment of all Letters Patent that may be granted on the invention in the United States of America and all countries throughout the world, and any divisional, renewal, continuation in whole or in part, substitution, conversion, reexamination, reissue, prolongation or extension thereof, to the extent that same were invented by me while employed by The University of Texas at Arlington; and the right to claim priority from the patent application as provided for by United States law, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, or other applicable law.

I authorize and request the issuance of said Letters Patent to SYSTEM, as assignee of the entire right, title, and interest to be held as fully and entirely as the same would have been held by us had this assignment not been made.

I warrant that there are no outstanding assignments, grants, liens, encumbrances, or agreements either written, oral, or implied that will impair, diminish, limit, or abridge the interest here conveyed at the time of the execution of the present assignment.

I also hereby assign all rights, title and interest to any improvements related to said invention(s) to SYSTEM to the extent that said improvements were invented by me while employed by The

University of Texas at Arlington and agree to promptly and fully communicate to SYSTEM any facts and information known to me respecting any improvements related to said invention(s) and said application while any patent application anywhere in the world is still pending that claims priority, whether directly or indirectly, from said invention(s) or said application. I will maintain any such facts and information in confidence and will only reveal such facts and information to SYSTEM or its assigns.

I also agree upon reasonable request to communicate to SYSTEM, its representatives, assigns or agents, any facts known to us respecting the invention, and to testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, provide all requested documents, and do everything reasonably possible to aid SYSTEM and its assigns to obtain and enforce proper patent protection for the invention in the United States or any foreign country. These provisions are binding upon our heirs, legal representatives, administrators and assigns.

I have authorized SYSTEM to file and prosecute this patent application, as well as any corresponding international or national applications that claim priority from it. SYSTEM has the right to select attorneys or agents of its choice to prosecute at its discretion these applications on its behalf.

I grant SYSTEM, the power to insert on this Assignment any further information that may be necessary or desirable in order to comply with all applicable legal requirements, including the rules of the United States Patent and Trademark Office, for submitting and recording this document.

IN TESTIMONY WHEREOF, I have signed my name on the date indicated.

Dated: \_\_\_\_\_ Haiying Huang

Dated: Oct 26, 2018 \_\_\_\_\_ Hao Jiang