## 504715779 01/05/2018

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
YONG XU	08/25/2015
YATING HU	08/25/2015
HONGEN TU	07/14/2015

## **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15736046

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NAME OF SUBMITTER: ROBERT D. SHEREDA

SIGNATURE: /Robert D. Shereda/

DATE SIGNED: 01/05/2018

### **Total Attachments: 5**

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PATENT 504715779 REEL: 044544 FRAME: 0881

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PATENT REEL: 044544 FRAME: 0882

## ASSIGNMENT

WHEREAS, Yong Xu, Yating Hu, and Hongen Tu, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled "A CASCADED GAPPED CANTILEVER FOR LOW-FREQUENCY VIBRATION SENSING", for a full description of which reference is here made to an application for Letters Patent of the United States filed on <u>June 17, 2015</u>, and assigned Provisional Application Serial No. 62/180,877.

WHEREAS, <u>Wayne State University</u>, existing under the laws of the State of <u>Michigan</u>, having a place of business at <u>656 West Kirby</u>, <u>Detroit</u>, <u>Michigan</u>, <u>48202</u>, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

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PATENT REEL: 044544 FRAME: 0883 The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assignors will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

Assignor hereby grants the attorney of record the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for the recordation of this document.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

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PATENT REEL: 044544 FRAME: 0884 IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

Dated: 8/25/2015	MAN
/	Yong Xu
Dated:	
	Yating Hu
Dated:	
	Hongen Tu

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

Dated:		
	Yong Xu	
August 25, 2015	UM	
	Yating Hu	
Dated:		
	Hongen Tu	

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

Dated:	
	Yong Xu
Dated:	
	Yating Hu
Dated: 07/14/2015	LA Tu
	Hongen Tu