505809835 12/09/2019

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
XIAOPING QIAN	02/01/2017

#### **RECEIVING PARTY DATA**

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

Property Type	Number
Application Number:	16704899

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NAME OF SUBMITTER:	MEREDITH NORIEGA	
SIGNATURE:	/MEREDITH NORIEGA/	
DATE SIGNED:	12/09/2019	

**Total Attachments: 2** 

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PATENT 505809835 REEL: 051216 FRAME: 0058

# ASSIGNMENT (Sole Inventor)

I am the person identified as the inventor and have contributed to a new and useful invention (the "Invention") described in the provisional, utility, or design United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date			
SYSTEMS AND METHODS FOR CONTROLLING SUPPORT STRUCTURES IN MANUFACTURING						
PAT	UNITED STATES	15/141124	April 28, 2016			
SYSTEMS AND METHODS FOR CONTROLLING SUPPORT STRUCTURES IN MANUFACTURING						
DIV	UNITED STATES	16/704899	December 05, 2019			

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional, utility, and design applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P160236US02 Wisconsin Alumni Research Foundation

> PATENT REEL: 051216 FRAME: 0059

Inventor:

| Date: | D

PATENT REEL: 051216 FRAME: 0060

**RECORDED: 12/09/2019** 

**ASSIGNMENT** 

Ref: P160236US01

Wisconsin Alumni Research Foundation