#### 03/15/2017 504272214

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
ZENGHAI SHAN	03/13/2017
CHANGJIAN ZHU	03/13/2017
ZHONGXIANG ZHAO	03/13/2017
QUAN LI	03/13/2017
MAOFENG ZHU	03/13/2017

### RECEIVING PARTY DATA

Name:	XUZHOU HEAVY MACHINERY CO., LTD.
Street Address:	2 NO. 165 TONGSHAN ROAD
City:	XUZHOU CITY, JAINGSU PROVINCE
State/Country:	CHINA
Postal Code:	221004

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15507931

# **CORRESPONDENCE DATA**

Fax Number: (919)854-1401

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 919-854-1400

cgregory@myersbigel.com Email:

MYERS BIGEL, P.A. **Correspondent Name:** 

PO BOX 37428 Address Line 1:

Address Line 4: RALEIGH, NORTH CAROLINA 27627

ATTORNEY DOCKET NUMBER:	9872-11
NAME OF SUBMITTER:	CAREY GREGORY
SIGNATURE:	/cbg/
DATE SIGNED:	03/15/2017

**Total Attachments: 6** 

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**PATENT REEL: 041578 FRAME: 0699** 



PATENT REEL: 041578 FRAME: 0700

#### ASSIGNMENT

THIS ASSIGNMENT, made by us, Zenghai Shan, Changjian Zhu, Zhongxiang Zhao, Quan Li, and Maofeng Zhu, all citizens of China, all having a mailing address of No. 165 Tongshan Road, Xuzhou City, Jaingsu Province, 221004, China;

WITNESSETH: That,

WHEREAS, we are joint inventors of certain new and useful improvements in METHOD AND SYSTEM FOR POSITIONING ENGINEERING MACHINERY WORK OBJECTS for which United States Patent Application No. 15/507,931 was filed March 1, 2017 in the United States Patent and Trademark Office; and

WHEREAS, Xuzhou Heavy Machinery Co., Ltd., a Chinese corporation having a principal place of business at 2 No. 165 Tongshan Road, Xuzhou City, Jaingsu Province, 221004, China, hereinafter referred to as assignee, is desirous of jointly acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application(s), and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and applications above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN W	ITNESS WE	EREOF, I have	e hereunto set r	ny hand and s	seal on this $\underline{J}$	3 day of
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		Zenghai S	han			

Witnessed by:

Page 2 of 6

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		ian Zhu		(SEA)		

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this	
2 2017	
Zhongxiang Zhao (SEAL)	
Zhongxiang Zhao	

Tingen Fan

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**REEL: 041578 FRAME: 0705** 

IN WITNESS WHER	REOF, I have here	unto set my hand	and seal on	this <u>/ 2</u>	day of
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이 사용하는 경험을 취하는 것도 같다.	Maofeng Zhu			4540 - 1	
	manufeng Zina				

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REEL: 041578 FRAME: 0706