

## 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>
	WILLIAM EDWARD HULL	02/27/2018
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	MANITOWOC CRANE COMPANIES, LLC	
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<b>City:</b>	MANITOWOC	
<b>State/Country:</b>	WISCONSIN	
<b>Postal Code:</b>	54220	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	15905336
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<b>ATTORNEY DOCKET NUMBER:</b>	41754-106330	
<b>NAME OF SUBMITTER:</b>	DAWN SPIZZIRRI	
<b>SIGNATURE:</b>	/Dawn Spizzirri/	
<b>DATE SIGNED:</b>	03/05/2018	
<b>Total Attachments: 2</b>		
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**ASSIGNMENT**

WHEREAS, I, **William Edward Hull**, residing at 4215 Heiple Court, Greencastle, PA 17225, US, have invented new and useful improvements in **JIB COUPLING SYSTEM FOR JIB STOWAGE**, and have executed an application for United States Letters Patent; and

WHEREAS, **Manitowoc Crane Companies, LLC**, a limited liability company organized under the laws of Wisconsin having a place of business at 2400 South 44<sup>th</sup> Street, Manitowoc, WI 54220, (hereinafter, "**Assignee**") is desirous of acquiring the entire right, title, and interest in and to said invention, said application, and in to and under all Letters Patent of the United States and foreign countries that may be granted therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration to us in hand and paid by said **Assignee** the receipt of which is hereby acknowledged, we, said **William Edward Hull** have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to and unto said **Assignee**, its successors and assigns, for, within and throughout the United States and the territories thereof, and all foreign countries, the entire right, title and interest in and to said invention, and in, to and under said application, and all Letters Patent of the United States and foreign countries that may be granted for said invention and improvements, including divisions, reissues, subdivisions, continuations and prolongations of such applications and Letters Patent, to have and to hold for the sole and exclusive use and benefit of said **Assignee**, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said invention may issue, and further, including the right to **Assignee** to file in its name applications for Letters Patent to said improvements in any country or countries foreign to the United States including the full right to claim for any such applications the priority benefits of the International Convention for the Protection of Industrial Property and other priority conferring treaties, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof.

I do hereby covenant and agree, for myself, heirs and legal representatives, that I will assist said **Assignee** in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that said **Assignee** may elect to make covering the invention herein identified, as hereinbefore set forth; in vesting in said **Assignee**, like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that I will execute and deliver to

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said Assignee, any and all additional papers that may be requested by said Assignee, to fully carry out the terms of this assignment.

And I do hereby authorize and request the Commissioner of Patents to issue all Letters Patent of the United States that may be granted pursuant to application aforesaid, or for said invention, to said Assignee, its successors and assigns in accordance with this assignment.

And I hereby covenant that I we have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith.

2/27/18  
Date

William Edward Hull  
William Edward Hull

Assignee:

Date: 2/27/18

Sidney R. Shriner  
Name: Sidney R. Shriner  
Title: VP. of Engineering  
For: Manitowoc Crane Companies, LLC