505007620 07/17/2018 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYAN	ICE:	ASSIGNMENT				
CONVEYING PARTY DA	ATA					
		Name	Execution Date			
TIMOTHY J. ALBINGER			01/26/2016			
JOSEPH R. RUCINSKI			01/26/2016			
DERRICK L. GEISER			01/25/2016			
IAN M. MOORE			01/25/2016			
RYAN M. FICKAU			06/04/2017			
RECEIVING PARTY DA	ТА					
Name:	MANIT	OWOC CRANE COMPANIES, LLC				
Street Address:	2400 SOUTH 44TH STREET					
City:	MANITOWOC					
State/Country:	WISCONSIN					
State/Country.		54220				
Postal Code:						
-	54220					
Postal Code:	54220	Number				
Postal Code: PROPERTY NUMBERS Property Type	54220	Number 16037668				
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Postal Code: PROPERTY NUMBERS Property Type Application Number: CORRESPONDENCE D Fax Number: Correspondence will be using a fax number, if p Phone: Email: Correspondent Name:	54220 Total: 1 ATA	16037668 (832)900-4941 D the e-mail address first; if that is unsucc d; if that is unsuccessful, it will be sent via 7134263923 bwilliams@rameyfirm.com ELIZABETH WILLIAMS				

ATTORNEY DOCKET NUMBER:	20137.0014.CNUS00
NAME OF SUBMITTER:	E
SIGNATURE:	/ELIZABETH WILLIAMS/
DATE SIGNED:	07/17/2018
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Total Attachments: 7

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<u>ASSIGNMENT</u>

WHEREAS, <u>Timothy J. Albinger</u>, <u>Joseph R. Rucinski</u>, <u>Derrick L. Geiser</u>, <u>Ryan M.</u> <u>Fickau</u>, and <u>Ian M. Moore</u>, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled <u>SYSTEM AND METHOD FOR</u> <u>CONNECTING A CRANE SUSPENSION ASSEMBLY TO A SUPPORT COLUMN</u>, for a full description of which reference is here made to an application for Letters Patent of the United States filed on <u>January 20, 2015</u>, and assigned Application Serial No. <u>14/600.570</u>, which claims priority to <u>U.S. Provisional Application No. 61/929.366</u>, filed <u>January 20, 2014</u> (Attorney Docket No. 3380-1503) and <u>U.S. Provisional Application</u> <u>No. 61/947.303</u>, filed <u>March 3, 2014</u> (Attorney Docket No. 3380-1507);

WHEREAS, <u>Manitowoc Crane Companies</u>, <u>LLC</u>, a corporation organized and existing under the laws of the State of <u>Wisconsin</u>, having a place of business at <u>2400</u> <u>South 44th Street</u>, <u>Manitowoc</u>, <u>Wisconsin 54221</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 issuing therefrom 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

PATENT REEL: 040373 FRAME: 0858

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successors and assigns, to the full end of the term or terms for all such patents. The Assignors hereby sell, assign, and transfer the entire right, title and interest to the Assignee as of the day of filing the application identified above.

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 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.

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.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

DATED:

Timothy J. Albinger

STATE OF Wisconsin) COUNTY OF Manitawoc

1-26-16

I, <u>VicK</u>: <u>C</u>. <u>Grant</u>, a Notary Public in and for the County and State aforesaid, do hereby certify that <u>Timothy J</u>. <u>Albinger</u>, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

this <u>Jan</u> IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, Notary Public My Commission Expires: NOTARY PUBLIC April 14,2017 - 2 -

PATENT REEL: 040373 FRAME: 0859 DATED:

Joseph R. Rucinski

STATE OF Wisconsin) COUNTY OF Manitowoc) ss.

1/26/16

I, V_{icKi} L. Granf, a Notary Public in and for the County and State aforesaid, do hereby certify that Joseph R. Rucinski, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this <u>a</u> day of <u>Tanuary</u>, 2016.

~ 3 ~

My Commission Expires:

April 14, 2017



PATENT REEL: 040343 FRAME: 0860

DATED:

Torraido I. Maine

STATE OF Wisconsin)) ss.

1/25/16

I, $\underline{V_i cK_i}$, $\underline{L} Grant$, a Notary Public in and for the County and State aforesaid, do hereby certify that <u>Derrick L. Geiser</u>, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 25^{77} day of $7ana arg_{1}$, 2016.

- 4 -

My Commission Expires:

April 14,2017



DATED: 1/25/16

Ian M. Moore

STATE OF Wisconsin)) ss. COUNTY OF Manitowoc)

I, <u>VicKi L.Grant</u>, a Notary Public in and for the County and State aforesaid, do hereby certify that <u>Ian M. Moore</u>, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this <u>ふっ</u>day of <u>January</u>, 2016.

- 8 -

My Commission Expires:

April 14,2017



<u>ASSIGNMENT</u>

WHEREAS, <u>Timothy J. Albinger</u>, <u>Joseph R. Rucinski</u>, <u>Derrick L. Geiser</u>, <u>Ryan M.</u> <u>Fickau</u>, and <u>Ian M. Moore</u>, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled <u>SYSTEM AND METHOD FOR</u> <u>CONNECTING A CRANE SUSPENSION ASSEMBLY TO A SUPPORT COLUMN</u>, for a full description of which reference is here made to an application for Letters Patent of the United States filed on <u>January 20, 2015</u>, and assigned Application Serial No. <u>14/600,570</u>, which claims priority to <u>U.S. Provisional Application No. 61/929,366</u>, filed <u>January 20, 2014</u> (Attorney Docket No. 3380-1503) and <u>U.S. Provisional Application</u> <u>No. 61/947,303</u>, filed <u>March 3, 2014</u> (Attorney Docket No. 3380-1507);

WHEREAS, <u>Manitowoc Crane Companies, LLC</u>, a corporation organized and existing under the laws of the State of <u>Wisconsin</u>, having a place of business at <u>2400</u> <u>South 44th Street</u>, <u>Manitowoc</u>, <u>Wisconsin 54221</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 issuing therefrom 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

PATENT REEL: 040373 FRAME: 0869

- 1 -

DATED:	<u>dilip</u>	Ryan M. Fickau
STATE OF	,	35 .
I, State aforesa the same pe before me th	aid, do hereby certify th rson whose name is su is day in person and ac	a Notary Public in and for the County and hat <u>Ryan M. Fickau</u> , personally known to me to be bscribed to the foregoing instrument, appeared cknowledged that he signed, sealed and delivered voluntary act for the uses and purposes therein set
this		EOF, I have hereunto set my hand and Notarial Seal, 2016.
My Commiss	sion Expires;	Notary Public
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with	Buschmann 35 Breachnam	61412017
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RECORDED: 06/19/2018