506976062 11/12/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7022901

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MANITOWOC CRANE COMPANIES, LLC	04/10/2013

RECEIVING PARTY DATA

Name:	MANITOWOC CRANES, LLC
Street Address:	2401 SOUTH 30TH STREET
City:	MANITOWOC
State/Country:	WISCONSIN
Postal Code:	54221

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17496106

CORRESPONDENCE DATA

Fax Number:

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.

Email: cbuschmann@patentlawworks.net,

metherington@patentlawworks.net

Correspondent Name: CRAIG BUSCHMANN

Address Line 1: 310 EAST 4500 SOUTH, SUITE 400
Address Line 4: SALT LAKE CITY, UTAH 84107

ATTORNEY DOCKET NUMBER:	10790-09252 US
NAME OF SUBMITTER:	CRAIG BUSCHMANN
SIGNATURE:	/Craig Buschmann/
DATE SIGNED:	11/12/2021

Total Attachments: 3

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PATENT 506976062 REEL: 058104 FRAME: 0126

ASSIGNMENT OF U.S. PATENTS AND APPLICATIONS

WHEREAS, Manitowoc Crane Companies, LLC, a corporation organized and existing under the laws of the State of Wisconsin, having a place of business at 2400 South 44th Street, Manitowoc, Wisconsin 54221 hereinafter referred to as "Assignor," is the owner of the entire right, title and interest in the United States of certain inventions which are the subject of issued United States patents and pending United States patent applications identified in the attached Schedule A; and

WHEREAS, Manitowoc Cranes, LLC, a corporation organized and existing under the laws of the State of Wisconsin, having a place of business at 2401 South 30th Street, Manitowoc, Wisconsin 54221, hereinafter referred to as "Assignee," is desirous of acquiring the entire right, title and interest therein;

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Assignor by these presents does sell, assign, and transfer unto Assignee, and its successors in interest, the entire right, title and interest in and to said inventions, patents and patent applications identified in the attached Schedule A.

AND, for the same consideration, Assignor does also sell to Assignee, and its successors in interest, all claims, demands and causes of action, both at law and in equity, that Assignor may have, or may hereafter acquire, on account of any infringement of the said patents prior to the date hereof, and does hereby

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in the

empower Assignee, and its successors in interest, to sue for and collect the same, to its and their own and absolute use.

IN WITNESS WHEREOF, the undersigned, being duly authorized and acting on behalf of Assignor, does hereby execute this agreement to take effect the 10th day of April, 2013.

Manitowoc Crane Companies, LLC

(Assignor)

By:

Maurice D. Jones

Its:

Vice President & Secretary

STATE OF WISCONSIN)

) SS.

COUNTY OF MANITOWOC)

Subscribed and sworn to before me this 10th of April, 2013.

SEAL

My Commission Figures: September 25, 2016

Sandra J. Egbert, Notery Publié

SCHEDULE A

PATENTS ASSIGNED TO MANITOWOC CRANES, LLC FROM MANITOWOC CRANE COMPANIES, LLC

U.S. PATENTS

Application	Application		Patent		Attorney
No.	Date	Patent No.	Date	Title	Docket No.
11/733,104	04/09/07	7,546,928	05/16/09	MOBILE LIFT CRANE WITH VARIABLE POSITION COUNTERWEIGHT	3380-468
12/023,902	01/31/08	7,967,158	06/28/11	MOBILE LIFT CRANE WITH VARIABLE POSITION COUNTERWEIGHT	3380-490

U.S. PATENT APPLICATIONS

Application No.	Application Date	Title	Attorney Docket No.
60/863,265	10/27/06	MOBILE LIFT CRANE WITH VARIABLE POSITION COUNTERWEIGHT	3380-446
61/231,884	08/06/09	LIFT CRANE WITH MOVEABLE COUNTERWEIGHT	3380-547
61/365,217	07/16/10	LIFT CRANE WITH MOVEABLE COUNTERWEIGHT	3380-628
12/847,902	07/30/10	LIFT CRANE WITH MOVEABLE COUNTERWEIGHT	3380-658
13/165,287	06/21/11	MOBILE LIFT CRANE WITH VARIABLE POSITION COUNTERWEIGHT	3380-605
13/712,774	12/12/12	LIFT CRANE WITH MOVEABLE COUNTERWEIGHT	3380-1379
13/712,766	12/12/12	LIFT CRANE WITH MOVEABLE COUNTERWEIGHT	3380-1380
13/752,053	01/28/13	MOBILE LIFT CRANE WITH VARIABLE POSITION COUNTERWEIGHT	3380-1378

PATENT REEL: 056194 FRAME: 0029

RECORDED: 04/12/2023