507080447 01/19/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NORBERT STANGER	12/03/2018

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17473084

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ATTORNEY DOCKET NUMBER:	244354.000024 (LWB4CON)
NAME OF SUBMITTER:	RYAN A. SCHNEIDER
SIGNATURE:	/Ryan A. Schneider, Reg. #45083/
DATE SIGNED:	01/19/2022

Total Attachments: 3

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PATENT 507080447 REEL: 058686 FRAME: 0682

ASSIGNMENT

WHEREAS, I, Norbert Stanger ("Assignor"), have invented certain improvements in a Construction Machine, in Particular a Crane, and Method for the Control Thereof whereas DE 10 2016 004 266.4 was filed 8 April 2016, International Application No. PCT/EP2017/000449 was filed 7 April 2017, US National Stage Application No. 16/091,992 was filed 7 October 2018, and other related applications might be filed (all collectively "Applications"), and whereas

> Liebherr-Werk Biberach GmbH Memminger Straße 120 88400 Biberach an der Riß **Deutschland**

("Assignee") desires to purchase all the rights in same:

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable considerations paid by the said Assignee, the receipt and sufficiency of which are hereby acknowledged, Assignor has and by these presents does hereby sell, assign, transfer and convey unto said Assignee all of Assignor's rights, title, and interest in and to said Applications, including in and to any provisional, conventional, design, division, continuation, continuation-in-part, substitution, reissue, renewal, reexam, continued prosecution application ("CPA"), or request for continued examination ("RCE") thereof, and in and to all inventions and improvements thereon (herein collectively referred to as "Related US Applications"), preparatory to obtaining Letters Patent of the United States therefor, and Assignor hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said Applications and Related US Applications, to Assignee, for its interest and for the sole use and benefit of Assignee and its assigns and legal representatives.

For the same consideration, Assignor, by these presents does sell, assign, and transfer to Assignee all of Assignor's rights, title and interest in and to any foreign and international applications related to and/or seeking benefit of one or more said Applications and Related US Applications, and in and to all inventions and improvements thereon (herein collectively referred to as "Related Foreign Applications"), in and to any Letters Patent and similar protective rights granted on said Related Foreign Applications, and in and to the right to claim any applicable priority rights arising from or required for said Related Foreign Applications under the terms of any applicable conventions, treaties, statutes, or regulations, said Related Foreign Applications to be filed and issued in the name of Assignee or its designee, insofar as permitted by applicable law.

For the same consideration, Assignor agrees, without charge to Assignee, but at Assignee's expense, to sign all lawful papers, execute said Applications, Related US Applications and Related Foreign Applications, make all assignments and rightful oaths, assist in prosecution of said Applications, Related US Applications and Related Foreign Applications, assist in prosecution of legal proceedings, and generally do everything reasonably possible to aid Assignee its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

And, for the same consideration, Assignor also hereby sells, assigns and transfers unto Assignee all of Assignor's rights and claims to sue for damages and other remedies with respect to any and all past infringement of all said Applications, Related US Applications, and Related Foreign Applications, including said inventions and improvements which may have occurred before the date of this Assignment.

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By

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Title: Authorized Signatory

Witnespeed by:

Signajúry

Date: Desember 14, 2018

Pripated Name of Wilness.

Witnessed by:

Date: Opposited 14, 2018

Stefanie Künet

Printed Name of Witness

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