505510448 06/05/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5557252

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT		
CONVEYING PART	Υ DATA			
		Name	Execution Date	
JOSEPH SUN			11/19/2018	
MATT CHRISTOPHERSON			11/16/2018	
EDWIN SCHREUDER			11/05/2018	
RECEIVING PARTY	′ DATA			
Name:	EMER	EMERSON PROCESS MANAGEMENT, VALVE AUTOMATION, INC.		
Street Address:	19200	19200 NORTHWEST FREEWAY		
City:	HOUS	HOUSTON		
State/Country:	TEXAS	TEXAS		
Postal Code:	77065			
Application Number:		16146641		
Application Numbe	7 1.			
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PATENT REEL: 049382 FRAME: 0173

ASSIGNMENT

Serial No: 16/146,641

Filed: September 28, 2018

Title: APPARATUS TO PREVENT SIDE LOAD IN HYDRAULIC OVERRIDE PUMPS

For good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assigns to Emerson Process Management, Valve Automation, Iac. 19200 Northwest Freeway, Houston, Texas 77065, (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignce.

The undersigned hereby authorizes and requests the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrants himself to be the owner of the interest herein assigned and to have the right to make this assignment and further warrants that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agrees upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, whereby said Letters Patent will be held and enjoyed by said assignee, its successors and assigns, to the full end of the term for which said

PATENT REEL: 049382 FRAME: 0174

Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS my hand this 19th day of November ,2018.

State of Texas

County of USA

Joseph Sun

On this 1 day of 1000 cm, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Joseph Sun, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

Notary Public:

APRI128,2020 al E watcht CARL E WITCHET Notary ID # 126498994 My Commission Expires April 28, 2020 * * * * *

PATENT REEL: 049382 FRAME: 0175 WITNESS my hand this ______ day of ______ day of ______ 2018.

State of TEXAS

County of HARR 15

Matt ohersor

On this 16th day of _______, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Matt Christopherson, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

Notary Public:

January 12, 2021 Railed & Magacin



MAEBETH M TAGLORIN My Notary ID # 130959907 Expires January 12, 2021

* * * * *

WITNESS my hand this ______5th ____ day of ______,2018.

State of Overijssel, The Netherlands

County of _____

Edwin Schreuder

On this _____ day of _____, 2018, before me, a Notary Public in and for the County and State aforesaid, appeared Edwin Schreuder, to me personally known to be the same person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

Notary Public:

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