506480779 02/01/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
EDWARD WILLIAM MATE	01/29/2021
WILLIAM N. O'NEILL	01/29/2021
DENNIS WILLIAM DICKER	01/30/2021

RECEIVING PARTY DATA

Name:	CATERPILLAR INC.
Street Address:	100 NE ADAMS STREET
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17164512

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: US Docket Clerk@cat.com

Correspondent Name: SCHWEGMAN LUNDBERG & WOESSNER, P.A.

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Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	20-0907US01
NAME OF SUBMITTER:	MEGAN REED
SIGNATURE:	/Megan Reed/
DATE SIGNED:	02/01/2021

Total Attachments: 4

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> PATENT REEL: 055102 FRAME: 0610

506480779

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 20-0907US01 / 4992.154US1 Client Ref. No. 20-0907US01

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

CLOSED CENTER HOIST VALVE WITH SNUBBING

for which I/We will or have filed a patent application; and

WHEREAS, Caterpillar Inc., a corporation of Delaware, United States of America whose post office address is Intellectual Property Department, 100 NE Adams Street, Peoria, IL 61629 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, and in and to the patent application for this invention and any and all patents to be issued upon this application throughout the world;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all patents which may be granted thereon, and all reissues thereof, as well as all rights to claim priority in any country or jurisdiction or patent office on the basis of this application, and all applications for patents which may hereafter be filled for this invention in any country or jurisdiction or patent office and all patents which may be granted on this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request any official of any country or jurisdiction or patent office whose duty it is to issue patents on applications as described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in any country or jurisdiction or patent office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

AND, I/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (Application No. $\underline{17/164,512}$, filed $\underline{\text{February 1, 2021}}$).

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PATENT REEL: 055102 FRAME: 0611

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 20-0907US01 / 4992.154US1 Client Ref. No. 20-0907US01

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

FULLNAME OF SOLE OR FIRST ASSIGNOR Edward William Mate	ASSIGNOR'S SIGNATURE SQL JW: Uin Vota	DATE 29-JAN-2021
ADDRESS 275 S. Eastern Ave. Manhattan, IL 60442		CITIZENSHIP United States of America
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2. WITNESS NAME David Mork	WITNESS SIGNATURE	DATE 1/29/2021
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2. FULLNAME OF SECOND ASSIGNOR, IF ANY William N. O'Neill	ASSIGNOR'S SIGNATURE	DATE 1/29/21
619 County Rd. 1600 E Eureka, IL 61530		CITIZENSHIP United States of America
レード、 15 mg 8800 (
1. WITNESS NAME Magdalena Baer	WITNESS SIGNATURE Mandalena (Boev)	DATE 1/29/21
ADDRESS 619 County Rd 16 EureKa, 11 615	606 E '	CITIZENSHIP US
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2. WITNESS NAME ALMACICA BREC ADDRESS (O19 (@ County 12 oad 1600 F	WITNESS SIGNATURE Foreka IL (11530	DATE 1/39/21 CITIZENSHIP US
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SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docker No. 20-0907/JS01 / 4692, 154/JS1 Olient Ref. No. 20-0907/JS01

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3. FULLNAME OF THIRD ASSIGNOR, IF ANY	ASSIGNOR'S SIGNATURE	DATE
Dennis William Dicker	AM weeken	30 JAW 2021
ADDRESS		CITIZENSHIP Australia
145 ~ 147 Ronald Street Devonport, Taemonia 7310, Australia		racovern
1. WITNESS NAME	WITNESS SIGNATURE	DATE
GROFFICEY TAN LANGMAID	H. J. Luguri	CONTRACTOR
106 TASOLON STRAGT D	EVONÎNT TOMANIA	Australia
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, 	***************************************
2. WITNESS WAME Vanciosa Keva Pangmard	WITNESS SIGNATURE	DATE 30 Jaw 20
ADDRESS		CITIZENSHIP
106 Tagman Shoet	Duraport Asmain	Australia
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PATENT REEL: 055102 FRAME: 0614

RECORDED: 02/01/2021