PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6629033

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RUSTIN GLENN METZGER	11/17/2020
ADAM MARTIN NACKERS	05/11/2020
JOSHUA AARON FOSSUM	04/17/2020
CHRISTOPHER M RUEMELIN	04/17/2020
COREY LEE GORMAN	03/24/2021

RECEIVING PARTY DATA

Name:	CATERPILLAR INC.
Street Address:	100 NE ADAMS STREET
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629-9510

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16860585

CORRESPONDENCE DATA

Fax Number: (202)408-4400

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: julianna.shin@finnegan.com
Correspondent Name: FINNEGAN HENDERSON
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ATTORNEY DOCKET NUMBER:	08350.2638
NAME OF SUBMITTER:	WILLIAM O TROUSDELL
SIGNATURE:	/William O. Trousdell/
DATE SIGNED:	03/30/2021

Total Attachments: 6

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PATENT REEL: 055761 FRAME: 0874

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PATENT REEL: 055761 FRAME: 0875

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.2638 Client Ref. No. 20-0144US01

ASSIGNMENT

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

HYSTAT SWING MOTION ACTUATION, MONITORING, AND CONTROL SYSTEM

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

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 61629-9510 (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 filed for 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 Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and official filing date (Application No. 16/860,585 , filed April 28, 2020).

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PATENT REEL: 055761 FRAME: 0876

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 08350.2638 Client Ref. No. 20-0144US01

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

1 FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Rustin Glenn METZGER	Rusto With	11/17/2020
ADDRESS		CITIZENSHIP
1770 County Road 450 N., Congerville	, IL 61729	U.S.
	7	
1. WITNESS NAME	WITNESS SIGNATURE	DATE
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SOLE/JOINT INVENTION (Worldwide Rights) Altomey Docket No. 08350.2638 Client Ref. No. 20-0144US01

1, FULL NAME OF SECOND ASSISTION.	ASSIGNOP'S SIGNATURE	DATE
Adam Martin NACKERS	(MIN 4/ M/)	57/1/2420
ADONESS		CITIZENSHIP
7-1-50 Shieya-cho, Tarum	- Ka Kobe	U.S.
Hyuno 655-0872 Japan		
1. WITNESS NAME	WTNESS SIGNATURE	CATE
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ADDRESS TO SLIGHT OF TO PARK EN POLE		CITZENSHIP
4400 655-0872 Soper		
2. WITNESS NAME	WITNESS SYSNATURE	DATE
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S-2-4, Maitaman Noshi,	Tarumi-ku, kobe	Citzenship CH/MA
[44090 (55-0051, Japa)	X	

SOLE/JOINT INVENTION (Worldwide Rights) Altorney Docket No. 08350.2638 Client Ref. No. 20-0144US01

1 FULL NAME OF THIRD ASSIGNOR Joshua Aaron FOSSUM :	ASSECTION SIGNATURE	04/11/2020
130 E HM. Point R), Per	-1 / · · · · · · · · · · · · · · · · · · 	CITIZENSHIP U.S.
308 Shagybark 71	WITNESS SIGNATURE 1 Aistopha M. Memeli	DATE 04/17/2020 CITIZENSHIP U.S.
Moston, I'L 61550 z witness hame Catherine). Cross	WITNESS SIGNATURE C.H. Com-	DATE 04/17/2026
	apt 19-208	<u>u.s.</u>

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1. FULL NAME OF FOURTH ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
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Morton, IL 61550		
<u> </u>	Proposition a convenience	
1. WITHERS NAME DShua FOSSUM	withese signature	04/17/2020
ADDRESS 136 E High Point Rd, P	eoria, IL 61614	CITIZENSHIP 人ろ人
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- Standard William	Te	T
2. WITNESS NAME Road Salies burg	WITNESS SIGNATURE	4/17/2020
1393 Woodland Krolls	Rd Metamora, IL 61548	CTIZENSHIP USA
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	Walter Comme	
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PATENT REEL: 055761 FRAME: 0881

RECORDED: 03/30/2021