506382656 12/03/2020

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6429412

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
BRADLEY MORGAN	12/02/2020

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17110470

CORRESPONDENCE DATA

Fax Number: (309)675-1236

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.

Phone: 3096362223

Email: jyates@bscattorneys.com

Correspondent Name: CATERPILLAR INC./BRANNON SOWERS & CRACRA

Address Line 1: 100 N.E. ADAMS STREET

Address Line 2: AH 9510

Address Line 4: PEORIA, ILLINOIS 61629-9510

ATTORNEY DOCKET NUMBER:	20-0360US01
NAME OF SUBMITTER:	JONATHAN F. YATES
SIGNATURE:	/Jonathan F. Yates/
DATE SIGNED:	12/03/2020

Total Attachments: 2

source=200360US01USPatentApplicationAssignment#page1.tif source=200360US01USPatentApplicationAssignment#page2.tif

PATENT 506382656 REEL: 054527 FRAME: 0872

ASSIGNMENT

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

PISTON HAVING OIL GALLERY DRAIN OUTLETS BIASED IN DISTRIBUTION TO ANTI-THRUST SIDE

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

WHEREAS, Caterpillar Inc., a corporation of the State of Delaware, having an address at 100 NE Adams
Street, Peorla, Illinois 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, 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, our entire right, titte, 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 flied 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 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, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to 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, WE HEREBY authorize Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and official filing date ($\underbrace{United\ States}_{\ Application\ No.\ \underline{17/110,470}_{\ becomes 3,2020}$, filed December 3, 2020).

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR
Page 1 of 4

ASSIGNOR'S SIGNATURE

DATE

PATENT REEL: 054527 FRAME: 0873

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 20-0360US01

Bradley Morgan Builty May	12/2/2020
ADDRESS 357 Prairie Lake Orion MI 48359	CITIZENSHIP
1. WITNESS NAME MICHELLE MORGAN WITNESS SIGNATURE THE PROPERTY OF THE PROPERTY)DATE 12/2/2020
ADDRESS 357 PRAIRIE LN LAKE ORION MI 48359	CITIZENSHIP
	US
	The state of the s
2. WITNESS NAME KAYLEIGH MORGAN WITNESS SIGNATURE MOLYCOGO MATORIE MOLYCOGO MOLYCOGO MATORIE MOLYCOGO MOLYCOGO MATORIE MOLYCOGO MOLYCOGO MATORIE MOLYCOGO MOLYCOGO MATORIE MOLYCOGO MOLYCOGO MATORIE MOLYCOGO MO	DATE 12/2/2020
ADDRESS 357 PRAIRIE UN LAKE ORION MI 48259	CITIZENSHIP
	US

RECORDED: 12/03/2020