507592989 11/10/2022

PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT7639879

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RODNEY ALLEN LAWRENCE	10/03/2022
ERIC FERGUSON	10/17/2022
BRANDYN STACK	11/07/2022

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:	17984813

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: CATERPILLAR INC. JOINT OC INTELLECTUAL PROPERTY DE

Address Line 1: 100 N.E. ADAMS STREET Address Line 4: PEORIA, ILLINOIS 61629-9510

ATTORNEY DOCKET NUMBER: 22-0181 NAME OF SUBMITTER: SCARLETT PEREIDA SIGNATURE: /Scarlett Pereida/ **DATE SIGNED:** 11/10/2022

Total Attachments: 4

source=signed Assignment all inventors#page1.tif source=signed Assignment all inventors#page2.tif source=signed_Assignment_all_inventors#page3.tif source=signed Assignment all inventors#page4.tif

> PATENT REEL: 061725 FRAME: 0714

507592989

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 120451-0073UT01 Client Ref. No. 22-0181

ASSIGNMENT

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

WEAR SURFACE SLEEVE PRESS FIT ONTO A SHAFT IN A HIGH TEMPERATURE AIR VALVE APPLICATION

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

WHEREAS, **CATERPILLAR INC.**, a corporation of Delaware whose post office address is 100 NE Adams Street, Peoria, IL 61629, United States of America (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 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 Assignee or the attorneys/representatives of Assignee to insert here in	
parentheses the country, application number, and official filing date (United States Application No.	
filed).	

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

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 120451-0073UT01 Client Ref. No. 22-0181

FULL NAME OF SOLE OR FIRST ASSIGNOR Rodney Alien LAWRENCE	ASSIGNOR'S SIGNATURE ROCKREY (Ullen Hawrence	03 Cet 2022
ADDRESS 707 East State Road 26, Frankfort, IN 46041		CITIZENSHIP USA
1. WITNESS NAME	WITNESS SIGNATURE	DATE
Anna Lawrence	ama Lavrence	10 3 \ 22
ADDRESS TOT East Stan Road ZU; Frankfort, IN 44041		CITIZENSHIP USA
2. WITNESS NAME	WITNESS SIGNATURE	DATE
Jennifer Caurence	January Carolina	19/3/22
ADDRESS 707 Bast State B	Sampo Causiero. A 26, Frankfoct, IN 46341	CITIZEŃSHIP ' USA
	*	·

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 120451-0073UT01 Client Ref. No. 22-0181

FULL NAME OF SECOND ASSIGNOR Enc FERGUSON	ASSIGNOR'S SIGNATURE	DATE 10/17/2~
ADDRESS 6963 HOMEWARD C	7. s.	CITIZENSHIP VS
COTTAGE GROWE, MN	55016	
1. WITNESS NAME MELAME FERGUSON	WITNESS SIGNATURE MANUSMAN	DATE 10/17/22
ADDRESS 6963 HOMEWAYCO C	π. ς.	CITIZENSHIP
COTTAGE GROVE, M	IN 55016	
2. WITNESS NAME	WITNESS SIGNATURE	DATE
AODRESS		CITIZENSHIP

SQUEDONT INVENTION Wordwide Rights Attorney Cocket No. 120451-0073UT01 Clarif Rat No. 22-018

Service STACE	Vandy 1300	CREERING
ETTO DESTRUCTO	47909	
PRESENTE LA CERTAGIA (C. C. C	MINES REALIZE LECTURE FOR END FOR EACH END	GATE 17-C 7-22 CITICOSTY 2
LEGIAL L'ATRESSAME	WINESS QUANTIFE	SATE .
the Commission of the King of	1000 stall H 1000 stall	17722 - Marie 1775

PATENT REEL: 061725 FRAME: 0718

RECORDED: 11/10/2022