

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5623566

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JOE A. RAPP	06/13/2019
CHENG-KONG C. WU	06/14/2019
VLADIMIR A. KORCHAGIN	06/14/2019
ARUNA KINJARAPU	06/19/2019
ROBIN VARGHESE	06/18/2019
RECEIVING PARTY DATA	
Name:	CATERPILLAR INC.
Street Address:	510 LAKE COOK ROAD
City:	DEERFIELD
State/Country:	ILLINOIS
Postal Code:	60015
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16514807
CORRESPONDENCE DATA	
Fax Number:	(309)675-1236
<i>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.</i>	
Phone:	3096755140
Email:	US_docket_clerk@cat.com
Correspondent Name:	CATERPILLAR INC. JOINT OC
Address Line 1:	100 NE ADAMS
Address Line 4:	PEORIA, ILLINOIS 61629-9510
ATTORNEY DOCKET NUMBER:	120451-044UT1
NAME OF SUBMITTER:	PAMELA SKELTON
SIGNATURE:	/Pamela Skelton/
DATE SIGNED:	07/17/2019
Total Attachments: 6	
source=Assignment_120451_044UT1#page1.tif	

source=Assignment_120451_044UT1#page2.tif
source=Assignment_120451_044UT1#page3.tif
source=Assignment_120451_044UT1#page4.tif
source=Assignment_120451_044UT1#page5.tif
source=Assignment_120451_044UT1#page6.tif

ASSIGNMENT

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

CENTER PINTLE HUB

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

WHEREAS, **CATERPILLAR INC.**, a corporation of Delaware whose post office address is 510 Lake Cook Road, Suite 100, Deerfield, IL 60015, 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;

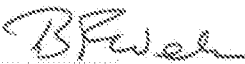
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

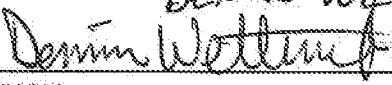
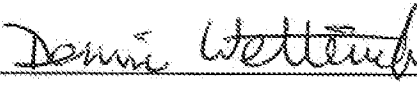
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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. 16/514,807, filed July 17, 2019).

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Joe A. Rapp	ASSIGNOR'S SIGNATURE 	DATE 6/17/2019
ADDRESS 13990 E. Sage Hills Drive, Vail, AZ 85641		CITIZENSHIP US

1. WITNESS NAME Brian Weber	WITNESS SIGNATURE 	DATE 17 Jun 2019
ADDRESS 5730 W Plaza del Rio, Tucson AZ 85745		CITIZENSHIP US

2. WITNESS NAME DENNIS WETTERICH 	WITNESS SIGNATURE 	DATE 13 JUNE 2019
ADDRESS 3860 N. BEAR CANYON RD, TUCSON AZ 85749		CITIZENSHIP US

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 120451-044UT1
Client Ref. No. 19-0490-72544

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Cheng-Kong C. Wu	ASSIGNOR'S SIGNATURE <i>Cheng-Kong C. Wu</i>	DATE 06/14/2019
ADDRESS 7639 W. Windrush Lane, Franklin, WI 53132		CITIZENSHIP US

1. WITNESS NAME PARTHIV A. RATGOR	WITNESS SIGNATURE <i>Partliv A. Ratgor</i>	DATE 06/14/2019
ADDRESS 8662 W. EPHWORTH RD. MARANA, AZ 85653		CITIZENSHIP INDIA

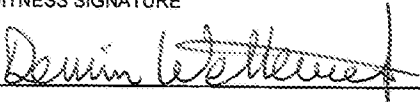
2. WITNESS NAME THERAN D. FREDERICK	WITNESS SIGNATURE <i>Theran D. Frederick</i>	DATE 06/14/2019
ADDRESS 1259 N. SUNDANCE LN. TUCSON, AZ 85745		CITIZENSHIP U.S.A.

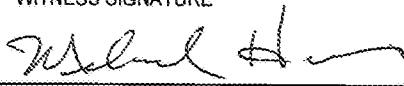
3. FULL NAME OF THIRD ASSIGNOR, IF ANY Vladimir A. Korchagin	ASSIGNOR'S SIGNATURE <i>Korchagin</i>	DATE 06/14/2019
ADDRESS 821 East Chula Vista Road, Tucson, AZ 85718		CITIZENSHIP US

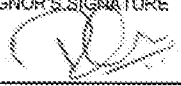
1. WITNESS NAME Elizabeth Barnes	WITNESS SIGNATURE <i>Elizabeth Barnes</i>	DATE 6/14/2019
ADDRESS 5442 N. Sundown Dr. Tucson, AZ 85718		CITIZENSHIP US

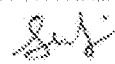
2. WITNESS NAME VENKAT BALASUBRAHMANIAN	WITNESS SIGNATURE <i>R</i>	DATE 6/14/19
ADDRESS 5570 W PAINTED CLIFF DR MARANA, AZ 85618		CITIZENSHIP INDIA

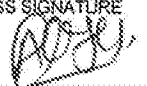
4. FULL NAME OF THIRD ASSIGNOR, IF ANY Aruna Kinjarapu	ASSIGNOR'S SIGNATURE	DATE 6/19/2019
ADDRESS 13479 N. Trailing Indigo Ct., Oro Valley, AZ 85755		CITIZENSHIP INDIA

1. WITNESS NAME DENNIS WETTERICH	WITNESS SIGNATURE 	DATE 6/19/2019
ADDRESS 3860 N. BEAR CANYON RD TUCSON AZ 85749		CITIZENSHIP USA

2. WITNESS NAME Michael Haws	WITNESS SIGNATURE 	DATE 6/19/2019
ADDRESS 8323 N. Skannon Rd Unit #2201 TUCSON AZ 85742		CITIZENSHIP USA

5. FULL NAME OF THIRD ASSIGNOR, IF ANY Robin Varghese	ASSIGNOR'S SIGNATURE 	DATE 18 JUNE 2019
ADDRESS Thanelimalil House, Methala P.O. Box Kuruppamady via, Perumbavoor - 683545 Ernakulam Dist, Kerala, India		CITIZENSHIP IN

1. WITNESS NAME SUNDER RAJAN. R	WITNESS SIGNATURE 	DATE 18-JUNE-2019
ADDRESS No:11, SANJAY APARTMENTS, JAYALAKSHMI STREET, SAI NAGAR, KEELKATALAG, CHENNAI - 600117		CITIZENSHIP INDIAN

2. WITNESS NAME AMIT LODAYA	WITNESS SIGNATURE 	DATE 18-JUNE-19
ADDRESS 3/103, Daski Etopia II, 3 rd Link Panchayad Road, Penungu, Chennai Tamilnadi PM-600096		CITIZENSHIP Indian