

<b>PATENT ASSIGNMENT COVER SHEET</b>
--------------------------------------

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6090410

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TERRENCE LEE SZMANIA	02/10/2020
VIKRAM KULKARNI	02/11/2020
KSHITIJ ANILKUMAR SHAH	02/12/2020
SIVAKUMAR DHARMARAJ	02/12/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CATERPILLAR INC.
<b>Street Address:</b>	100 NE ADAMS STREET
<b>City:</b>	PEORIA
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	61629-9510
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16865979
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	3096362223
<b>Email:</b>	jyates@bscattorneys.com
<b>Correspondent Name:</b>	CATERPILLAR INC./BRANNON SOWERS & CRACRA
<b>Address Line 1:</b>	100 N.E. ADAMS STREET
<b>Address Line 2:</b>	AH 9510
<b>Address Line 4:</b>	PEORIA, ILLINOIS 61629-9510
<b>ATTORNEY DOCKET NUMBER:</b>	19-1175US01
<b>NAME OF SUBMITTER:</b>	JONATHAN F. YATES
<b>SIGNATURE:</b>	/Jonathan F. Yates/
<b>DATE SIGNED:</b>	05/04/2020
<b>Total Attachments: 5</b>	
source=191175US01USPatentApplicationAssignment#page1.tif	
source=191175US01USPatentApplicationAssignment#page2.tif	

source=191175US01USPatentApplicationAssignment#page3.tif

source=191175US01USPatentApplicationAssignment#page4.tif

source=191175US01USPatentApplicationAssignment#page5.tif

## ASSIGNMENT

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

VALVE LIFTER ANTI-ROTATION DEVICE HAVING CANTILEVER BRIDGE

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, Peoria, 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;

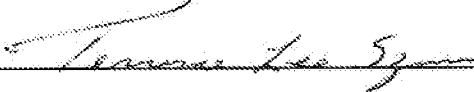
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, 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 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;

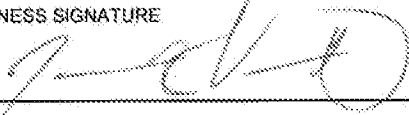
AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

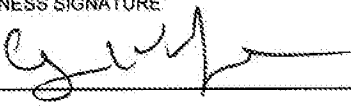
AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any 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 ( United States Application No. 16/865,979 filed May 4, 2020 ).

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Terrence Lee Szmania	ASSIGNOR'S SIGNATURE 	DATE 2/10/2020
ADDRESS 305 Sycamore Trail, Chillicothe IL, 61523		CITIZENSHIP USA

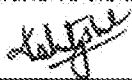
1. WITNESS NAME Joyfred Villaman	WITNESS SIGNATURE 	DATE 2/10/2020
ADDRESS 5400 W. Sienna Lane, Apt. 6301 Peoria, IL 61615		CITIZENSHIP USA

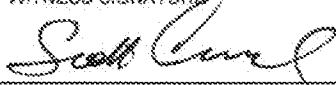
2. WITNESS NAME Corey Wolke	WITNESS SIGNATURE 	DATE 2/10/2020
ADDRESS 11517 N Dunmore, Dunlap IL 61525		CITIZENSHIP USA

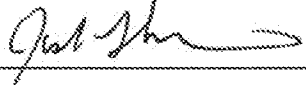
2. FULL NAME OF SOLE OR SECOND ASSIGNOR Vikram Kulkarni	ASSIGNOR'S SIGNATURE <i>Kulkarni V</i>	DATE 11-Feb-2020
ADDRESS C-8, Ashoka Residency, Near Utsav Karyalaya, Ward. No. 7, Shirampur, Maharashtra, India, Pin Code 413 709		CITIZENSHIP India

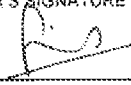
1. WITNESS NAME PASUPATHY SRINIVASAN	WITNESS SIGNATURE <i>S. Pasupathy</i>	DATE 11-Feb-2020
ADDRESS Caterpillar India Private Limited, Pinnacle Building, Ascendas IT Park, CSIR Road, Taramani, Chennai 600113		CITIZENSHIP India

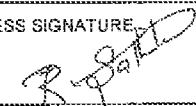
2. WITNESS NAME SATHISHKUMAR RAMAN	WITNESS SIGNATURE <i>Raman</i>	DATE 11/22/2020
ADDRESS Caterpillar India Pvt. Ltd, Pinnacle Building, Ascendas IT Park, CSIR Road, Taramani, Chennai-600113		CITIZENSHIP

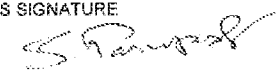
3. FULL NAME OF THIRD ASSIGNOR Kshitij Anilkumar Shah	ASSIGNOR'S SIGNATURE 	DATE 02/12/2020
ADDRESS 2507 WEST CARLISLE LANE, DUNLAP, ILLINOIS 61525		CITIZENSHIP India

1. WITNESS NAME SCOTT CHURCH	WITNESS SIGNATURE 	DATE 2/12/2020
ADDRESS 121 TERRACE LANE, EAST PEORIA, IL 61611		CITIZENSHIP USA

2. WITNESS NAME Josh Thurman	WITNESS SIGNATURE 	DATE 2/12/2020
ADDRESS 11215 N Evans Mill Rd Princeton IL 61559		CITIZENSHIP USA

4. FULL NAME OF FOURTH ASSIGNOR Sivakumar Dharmaraj	ASSIGNOR'S SIGNATURE 	DATE 12 Feb 2020
ADDRESS #30, Parasakthi Nagar, Camproad, Selaiyur (Po), Chennai, Tamilnadu, India. Pin code- 600073.		CITIZENSHIP India

1. WITNESS NAME SATHISHKUMAR RAMAN	WITNESS SIGNATURE 	DATE 12-Feb-2020
ADDRESS Caterpillar India Private Ltd, Pinnacle Building Ascender IT Park, CST Road, Taramani, Chennai - 600113.		CITIZENSHIP INDIAN

2. WITNESS NAME PRASUPATHY SRINIVASAN	WITNESS SIGNATURE 	DATE 12-Feb-2020
ADDRESS Caterpillar India Private Ltd, Pinnacle Building Ascender IT Park, CST Road, Taramani, Chennai - 600113.		CITIZENSHIP India