

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4187929

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MORTEZA REZAEI	12/02/2016
IOAN PADURET	12/02/2016
JAMES SIEGLE	12/02/2016
RECEIVING PARTY DATA	
Name:	CATERPILLAR, INC.
Street Address:	100 NE ADAMS ST.
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15380465
CORRESPONDENCE DATA	
Fax Number:	
<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:	317-614-7329
Email:	jonathan.yates@mbcblaw.com
Correspondent Name:	CATERPILLAR INC./MATTINGLY BURKE COHEN &
Address Line 1:	100 N.E. ADAMS STREET
Address Line 2:	AH 9510
Address Line 4:	PEORIA, ILLINOIS 61629-9510
ATTORNEY DOCKET NUMBER:	16-2136
NAME OF SUBMITTER:	JONATHAN F. YATES
SIGNATURE:	/Jonathan F. Yates/
DATE SIGNED:	12/15/2016
Total Attachments: 3	
source=162136Assignment#page1.tif	
source=162136Assignment#page2.tif	
source=162136Assignment#page3.tif	

ASSIGNMENT

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

SYSTEM AND METHOD FOR VALVE SEATING DETECTION

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

WHEREAS, **Caterpillar Inc.**, a corporation of the **State of Delaware**, whose post office address is **100 NE Adams St., Peoria, IL 61629** (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;

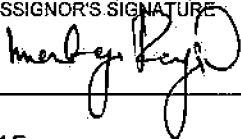
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our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

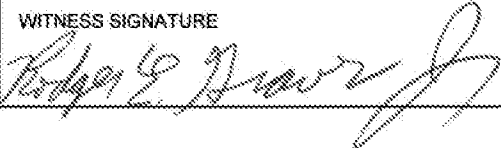
AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any 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;

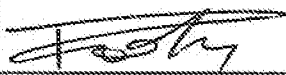
AND, WE HEREBY authorize Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and official filing date (US Application No. 15380465, filed December 15, 2016).

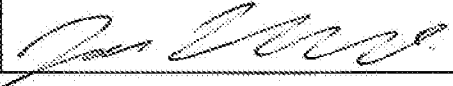
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Morteza Rezaei	ASSIGNOR'S SIGNATURE 	DATE 12-2-2016
ADDRESS 5400 W. Sienna Ln. Apt 3301, Peoria, IL 61615		CITIZENSHIP Iran

1. WITNESS NAME Jeremy Baker	WITNESS SIGNATURE Jeremy M Balsar	DATE 12-2-2016
ADDRESS 106 Brentwood Ct., East Peoria, IL 61611		CITIZENSHIP US

2. WITNESS NAME Rodger Graves Jr.	WITNESS SIGNATURE 	DATE 12-2-2016
ADDRESS 304 Peace Field Ln. E. Peoria, IL 61611		CITIZENSHIP US

2. FULL NAME OF SECOND ASSIGNOR Ioan Paduret	ASSIGNOR'S SIGNATURE 	DATE 12/2/2016
ADDRESS 3411 W. Brenwich Dr., Peoria, IL 61614		CITIZENSHIP US

1. WITNESS NAME Jon Machnacki	WITNESS SIGNATURE 	DATE 12-2-16
ADDRESS 2413 W. Miners Dr. Dunlap, IL 61525		CITIZENSHIP US

2. WITNESS NAME Darral Berglund	WITNESS SIGNATURE Darral Berglund	DATE 12-2-2016
ADDRESS 1122 Upper Spring Bay Rd East Peoria, IL 61611		CITIZENSHIP US

3. FULL NAME OF THIRD ASSIGNOR James Siegle	ASSIGNOR'S SIGNATURE <i>James Siegle</i>	DATE 12/02/2016
ADDRESS 1911 Chestnut Ln., Washington, IL 61571		CITIZENSHIP US

1. WITNESS NAME Jesse Gerdes	WITNESS SIGNATURE <i>Jesse Gerdes</i>	DATE 12/02/2016
ADDRESS 11114 N Crestpoint Ln, Downers Grove IL 61525		CITIZENSHIP US

2. WITNESS NAME James Thorne	WITNESS SIGNATURE <i>James Thorne</i>	DATE 12/02/2016
ADDRESS 4408 N. Rockwood Dr #117, Peoria, IL 61615		CITIZENSHIP US