

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5146102

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
WADE ROBEL	09/14/2018
THOMAS JEFFREY CROWELL	09/14/2018
LIFENG WANG	09/14/2018
RECEIVING PARTY DATA	
Name:	CATERPILLAR INC.
Street Address:	510 LAKE COOK ROAD, SUITE 100
City:	DEERFIELD
State/Country:	ILLINOIS
Postal Code:	60015
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16134170
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>	
Email:	jonathan.yates@mbcblaw.com
Correspondent Name:	CATERPILLAR INC./MATTINGLY BURKE COHEN &
Address Line 1:	155 E. MARKET ST. SUITE 400
Address Line 4:	INDIANAPOLIS, INDIANA 46204
ATTORNEY DOCKET NUMBER:	18-0502-68252
NAME OF SUBMITTER:	JONATHAN F. YATES
SIGNATURE:	/Jonathan F. Yates/
DATE SIGNED:	09/18/2018
Total Attachments: 4	
source=18050268252USPatentApplicationAssignment#page1.tif	
source=18050268252USPatentApplicationAssignment#page2.tif	
source=18050268252USPatentApplicationAssignment#page3.tif	
source=18050268252USPatentApplicationAssignment#page4.tif	

ASSIGNMENT

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

FUEL INJECTOR HAVING CAM-ACTUATED PLUNGER AND PLUNGER CAVITY METERING EDGE FOR VALVETRAIN NOISE SUPPRESSION

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 **510 Lake Cook Road, Suite 100, Deerfield, Illinois 60015** (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. 16/134,170, filed September 18, 2018).

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Wade Robel	ASSIGNOR'S SIGNATURE 	DATE 9/14/2018
ADDRESS 113 W. Windflower Way, Dunlap IL 61525		CITIZENSHIP US


1. WITNESS NAME NITIN PRABHUDESAI	WITNESS SIGNATURE 	DATE 9/14/2018
ADDRESS 13911 E. 3785. N. Road Hoopeston, IL 60942		CITIZENSHIP USA

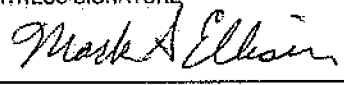
2. WITNESS NAME Aaron J Weber	WITNESS SIGNATURE 	DATE 9/14/2018
ADDRESS 1222 Waterford Drive Morton, IL 61550		CITIZENSHIP USA

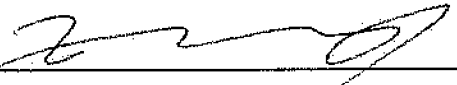
2. FULL NAME OF SECOND ASSIGNOR, IF ANY Thomas Jeffrey Crowell	ASSIGNOR'S SIGNATURE <i>Thomas J Crowell</i>	DATE 9-14-2018
ADDRESS 910 Mulberry Court, Germantown Hills IL 61548		CITIZENSHIP US

1. WITNESS NAME <i>Lifeng Wang</i>	WITNESS SIGNATURE	DATE 9/14/2018
ADDRESS <i>11626 N. Glenshire Dr Dundee IL 61525</i>		CITIZENSHIP U.S.A

2. WITNESS NAME <i>Mark S. Ellison</i>	WITNESS SIGNATURE <i>Mark S Ellison</i>	DATE 9/14/2018
ADDRESS <i>3611 E Cedar Point Dr Chillicothe, IL 61523</i>		CITIZENSHIP USA

3. FULL NAME OF THIRD ASSIGNOR, IF ANY Lifeng Wang	ASSIGNOR'S SIGNATURE 	DATE 9/14/2018
ADDRESS 1126 N. Glenshire Drive, Dunlap, IL 61525		CITIZENSHIP USA

1. WITNESS NAME Mark S. Ellison	WITNESS SIGNATURE 	DATE 9/14/2018
ADDRESS 3611 E. Cedar Point Dr Chillicothe, IL 61523		CITIZENSHIP USA

2. WITNESS NAME JIANHUA ZHANG	WITNESS SIGNATURE 	DATE 2018-09-14
ADDRESS 11018 N Waterton Dr. Dunlap, IL 61525		CITIZENSHIP CANADA