

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4529945

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
NATHAN ATTERBERRY	07/31/2017
MATTHEW ENGFEHR	07/31/2017
HUA XU	07/31/2017
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:	15665842
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:	317-614-0207
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:	17-0392
NAME OF SUBMITTER:	JONATHAN F. YATES
SIGNATURE:	/Jonathan F. Yates/
DATE SIGNED:	08/01/2017
Total Attachments: 3	
source=170392Assignment#page1.tif	
source=170392Assignment#page2.tif	
source=170392Assignment#page3.tif	

ASSIGNMENT

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

ADAPTIVE CONTROL STRATEGY IN DUAL FUEL ENGINE

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;

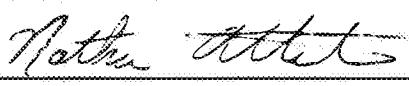
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our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

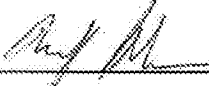
AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

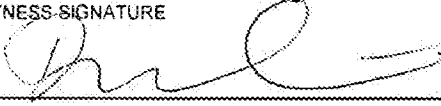
AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any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

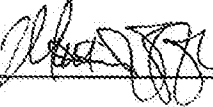
AND, WE HEREBY authorize Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and official filing date (US Application No. 15665842, filed August 1, 2017).

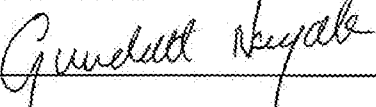
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

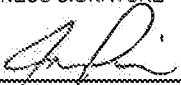
1. FULL NAME OF SOLE OR FIRST ASSIGNOR Nathan Atterberry	ASSIGNOR'S SIGNATURE 	DATE 7-31-17
ADDRESS 825 Simon St., Washington, IL 61571		CITIZENSHIP US


1. WITNESS NAME Marcus Sheldon	WITNESS SIGNATURE 	DATE 7/31/2017
ADDRESS 1319 W. Shawandank dr Peoria IL 61619		CITIZENSHIP US

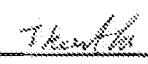
2. WITNESS NAME Ling Deng	WITNESS SIGNATURE 	DATE 07/31/2017
ADDRESS 12052 N Hickory Grove Rd. Dunlap IL 61525		CITIZENSHIP P. R. China


2. FULL NAME OF SECOND ASSIGNOR Matthew Engfehr	ASSIGNOR'S SIGNATURE 	DATE 7/31/2017
ADDRESS 2601 W. Carrington Ct., Dunlap, IL 61525		CITIZENSHIP US

1. WITNESS NAME Guru Nayak	WITNESS SIGNATURE 	DATE 07/31/17
ADDRESS 10808 N. DAVID COURT, PEORIA, IL, 61615		CITIZENSHIP US

2. WITNESS NAME JASON PREIS	WITNESS SIGNATURE 	DATE 7/31/17
ADDRESS 1013 W CENTENNIAL DR, PEORIA, IL 61614		CITIZENSHIP US

3. FULL NAME OF THIRD ASSIGNOR Hua Xu	ASSIGNOR'S SIGNATURE 	DATE 7/31/2017
ADDRESS 2312 W. Marks Place, Dunlap, IL 61525		CITIZENSHIP China

1. WITNESS NAME KARTHIK JAYASRAJAKARAN	WITNESS SIGNATURE 	DATE 07/31/2017
ADDRESS 10723 N GLENFIELD DR, DUNLAP IL 61525		CITIZENSHIP INDIA

2. WITNESS NAME NARENDRA .K. TANRASALI	WITNESS SIGNATURE 	DATE 07/31/2017
ADDRESS 7226 N. Midamar Drive, PEORIA IL - 61614		CITIZENSHIP INDIA