

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4101141

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARY LOUISE YEAGER	09/21/2016
LUCAS ALLEN BURGER	10/03/2016
ANDREW LOETZ	09/22/2016
BRETT ZOOK	10/12/2016
RECEIVING PARTY DATA	
Name:	CATERPILLAR INC.
Street Address:	100 NE ADAMS ST
Internal Address:	AH 9510
City:	PEORIA
State/Country:	ILLINOIS
Postal Code:	61629
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15296181
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:	3096362223
Email:	US_Docket_Clerk@cat.com
Correspondent Name:	CATERPILLAR INC. INTELLECTUAL PROPERTY D
Address Line 1:	100 N.E. ADAMS STREET
Address Line 2:	AH 9510
Address Line 4:	PEORIA, ILLINOIS 61629-9510
ATTORNEY DOCKET NUMBER:	16-0421
NAME OF SUBMITTER:	KELLY A UMHOLTZ
SIGNATURE:	/kelly a umholtz/
DATE SIGNED:	10/18/2016
Total Attachments: 8	

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ASSIGNMENT

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

CONTROL SYSTEM FOR AN ENGINE CYLINDER

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

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

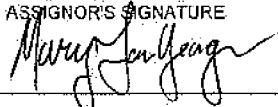
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns,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

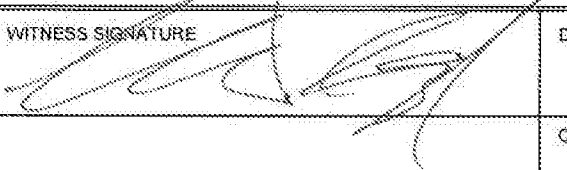
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

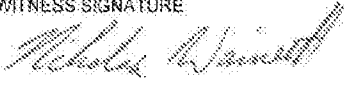
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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 the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (_____ Application No. _____, filed _____).

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

1. FULL NAME OF FIRST ASSIGNOR Mary Louise Yeager	ASSIGNOR'S SIGNATURE 	DATE 21 SEPT 2016
ADDRESS 4624 Doe Path Lane, Lafayette IN 47905		CITIZENSHIP US

1. WITNESS NAME <i>Michael Gough</i>	WITNESS SIGNATURE 	DATE <i>9-21-16</i>
ADDRESS <i>4805 S 900 E</i>	CITIZENSHIP <i>USA</i>	
<i>Lafayette, IN 47905</i>		

2. WITNESS NAME <i>Nicholas Wasscott</i>	WITNESS SIGNATURE 	DATE <i>9/21/16</i>
ADDRESS <i>7501 N County Rd 500 W</i>	CITIZENSHIP <i>USA</i>	
<i>Rossville, IN 46065</i>		

ASSIGNMENT

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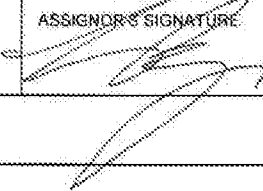
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns,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

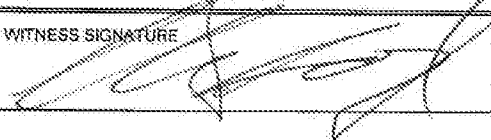
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver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

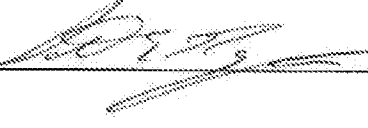
AND, I/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (_____ Application No. _____, filed _____).

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

1. FULL NAME OF SECOND ASSIGNOR Lucas Allen Burger	ASSIGNOR'S SIGNATURE 	DATE 10/3/16
ADDRESS		CITIZENSHIP
4123 Homerton St, Lafayette, IN 47909		US

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 16-0421
Client Ref. No. _____

1. WITNESS NAME Michael Gough	WITNESS SIGNATURE 	DATE 10-3-16
ADDRESS 4805 S 900 E		CITIZENSHIP USA
Lafayette, IN 47905		

2. WITNESS NAME Scott E Nogle	WITNESS SIGNATURE 	DATE 10-3-16
ADDRESS 314 Cottlewood Ct		CITIZENSHIP USA
Lafayette, IN 47905		

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

CONTROL SYSTEM FOR AN ENGINE CYLINDER

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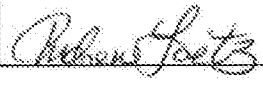
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns,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

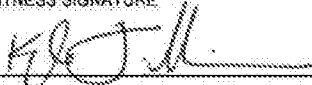
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver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

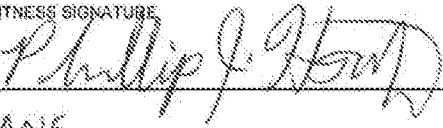
AND, I/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (_____ Application No. _____, filed _____).

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

1. FULL NAME OF THIRD ASSIGNOR Andrew Loetz	ASSIGNOR'S SIGNATURE 	DATE 9-22-2016
ADDRESS 10 N 350 W, West Lafayette, IN 47906		CITIZENSHIP US

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 16-0421
Client Ref. No. _____

1. WITNESS NAME Kyle L. Rainey	WITNESS SIGNATURE 	DATE 9-22-2016
ADDRESS 9785 WEST COUNTY ROAD 400 NORTH MULBERRY, IN 46058		CITIZENSHIP U.S.A.

2. WITNESS NAME PHILLIP J. NOVITZ	WITNESS SIGNATURE 	DATE 9/23/2016
ADDRESS 5397 INGALLS LANE WEST LAFAYETTE, IN 47906		CITIZENSHIP USA

ASSIGNMENT

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CONTROL SYSTEM FOR AN ENGINE CYLINDER

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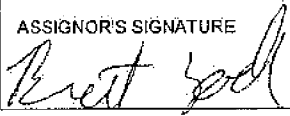
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, 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 the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (_____ Application No. _____, filed _____).

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

1. FULL NAME OF FOURTH ASSIGNOR Brett Zook	ASSIGNOR'S SIGNATURE 	DATE 10/12/2016
ADDRESS 1845 West 450 South, Lafayette, IN 47909		CITIZENSHIP US
		US

SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 16-0421
Client Ref. No. _____

1. WITNESS NAME <i>ANDREW LOETZ</i>	WITNESS SIGNATURE <i>Andrew Loetz</i>	DATE <i>10/12/2016</i>
ADDRESS <i>10 N 350 W</i>		CITIZENSHIP <i>USA</i>
<i>WEST LAFAYETTE, IN 47906</i>		

2. WITNESS NAME <i>Lucas Burger</i>	WITNESS SIGNATURE <i>[Signature]</i>	DATE <i>10/12/2016</i>
ADDRESS <i>4123 Homerton St</i>		CITIZENSHIP <i>USA</i>
<i>Lafayette, IN</i>		