

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Yanchai Zhang</td> <td>08/02/2012</td> </tr> <tr> <td>Evan Earl Jacobson</td> <td>08/02/2012</td> </tr> </tbody> </table>	Name	Execution Date	Yanchai Zhang	08/02/2012	Evan Earl Jacobson	08/02/2012	
Name	Execution Date						
Yanchai Zhang	08/02/2012						
Evan Earl Jacobson	08/02/2012						
RECEIVING PARTY DATA							
Name:	Caterpillar Inc.						
Street Address:	100 N.E. Adams Street						
City:	Peoria						
State/Country:	ILLINOIS						
Postal Code:	61629-9510						
PROPERTY NUMBERS Total: 1							
Property Type	Number						
Application Number:	13586220						
CORRESPONDENCE DATA							
Fax Number:	8123333173						
Phone:	812 333-5355						
Email:	mmcneil@liellmcneil.com						
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>							
Correspondent Name:	Caterpillar Inc. c/o LIELL & MCNEIL ATTO						
Address Line 1:	P.O. Box 2417						
Address Line 2:	511 South Madison Street						
Address Line 4:	Bloomington, INDIANA 47402-2417						
ATTORNEY DOCKET NUMBER:	11-0988						
NAME OF SUBMITTER:	Kelly J. Smith						
Total Attachments: 3 source=11-0988-Assignments#page1.tif source=11-0988-Assignments#page2.tif source=11-0988-Assignments#page3.tif							

OP \$40.00 13586220

ASSIGNMENT

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

SYSTEM AND METHOD FOR CONTROLLING TORQUE LOAD OF MULTIPLE  
ENGINES

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

WHEREAS, [CATERPILLAR INC.] , a corporation of [DELAWARE] whose post office address is [100 N.E. 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 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;

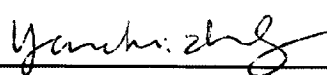
AND, WE HEREBY covenant that We have the full right to convey the interest assigned by this Assignment, and We have not executed and will not execute any agreement in conflict with this Assignment;

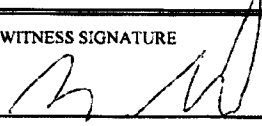
AND, WE HEREBY further covenant and agree that We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any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

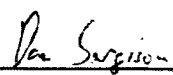
office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;


AND, WE HEREBY authorize the attorneys/representatives that WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date ( U.S. Application No. 13/586,220, filed August 15, 2012).

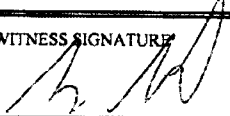
IN TESTIMONY WHEREOF, We have hereunto set our hands.

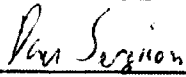
1. FULL NAME OF SOLE OR FIRST ASSIGNOR Yanchai Zhang	ASSIGNOR'S SIGNATURE 	DATE 08-02-2012
ADDRESS 731 S. Breckenridge Drive Dunlap, IL 61525		CITIZENSHIP P.R. China

1. WITNESS NAME Bryan Siegel	WITNESS SIGNATURE 	DATE 2 Aug 2012
ADDRESS 13308 N Savage RD Brimfield, IL 61517		CITIZENSHIP USA

2. WITNESS NAME Dan Sergison	WITNESS SIGNATURE 	DATE 2 Aug 2012
ADDRESS 3500 E. Washington St. East Peoria, IL 61611		CITIZENSHIP USA

2. FULL NAME OF SECOND ASSIGNOR, IF ANY <b>Evan Earl Jacobson</b>	ASSIGNOR'S SIGNATURE 	DATE 02 Aug 2012
ADDRESS 9815 North Voorhees Road		CITIZENSHIP US
Edwards, IL 61528		

1. WITNESS NAME <b>Bryan Siegel</b>	WITNESS SIGNATURE 	DATE 2 Aug 2012
ADDRESS 13308 N Savage RD		CITIZENSHIP USA
Brimfield, IL 61517		

2. WITNESS NAME <b>Dan Sergison</b>	WITNESS SIGNATURE 	DATE 2 Aug 2012
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