

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Drew Alan FEHR</td> <td>10/30/2012</td> </tr> <tr> <td>Paul Russell FRIEND</td> <td>10/30/2012</td> </tr> </tbody> </table>		Name	Execution Date	Drew Alan FEHR	10/30/2012	Paul Russell FRIEND	10/30/2012
Name	Execution Date						
Drew Alan FEHR	10/30/2012						
Paul Russell FRIEND	10/30/2012						
RECEIVING PARTY DATA							
Name:	Caterpillar Inc.						
Street Address:	100 N.E. Adams Street						
Internal Address:	Intellectual Property Department						
City:	Peoria						
State/Country:	ILLINOIS						
Postal Code:	61629-9510						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13665472</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13665472		
Property Type	Number						
Application Number:	13665472						
CORRESPONDENCE DATA							
Fax Number:	2024084400						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	202-408-4000						
Email:	chetan.bansal@finnegan.com						
Correspondent Name:	Caterpillar/Finnegan, Henderson						
Address Line 1:	901 New York Ave., N.W.						
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20001						
ATTORNEY DOCKET NUMBER:	08350.0749-00000						
NAME OF SUBMITTER:	Chetan Bansal						
Total Attachments: 2 source=Assign-0749#page1.tif source=Assign-0749#page2.tif							

OP \$40.00 13665472

PATENT

ASSIGNMENT

WHEREAS We, the below named inventors, [hereinafter referred to as Assignors], have made an invention entitled:

IMPLEMENT CONTROLLER HAVING ANGULAR RATE CORRECTION

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

WHEREAS, **CATERPILLAR INC.**, a corporation of **Delaware** whose post office address is **Intellectual Property Department, 100 N.E. Adams Street, Peoria, IL 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 Assignors, 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 Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and official filing date (US Application No. 13/665,472, filed October 31, 2012

IN TESTIMONY WHEREOF, We have hereunto set our hands.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Drew Alan FEHR	ASSIGNOR'S SIGNATURE <i>Drew Alan Fehr</i>	DATE <i>10/30/2012</i>
ADDRESS 309 Hilldale Avenue, Washington, Illinois 61571		CITIZENSHIP USA

1. WITNESS NAME Jeffrey Fletcher	WITNESS SIGNATURE <i>Jeffrey Fletcher</i>	DATE 10-30-12
ADDRESS 1500 W. Blue Sage Dr. Apt. 1304 Peoria, IL 61615		CITIZENSHIP USA
2. WITNESS NAME Zhiyun Cai	WITNESS SIGNATURE <i>Zhiyun Cai</i>	DATE 10/30/12
ADDRESS 2620 Cedar Pond Dr Springfield, IL 62702		CITIZENSHIP China

2. FULL NAME OF SOLE OR FIRST ASSIGNOR Paul Russell FRIEND	ASSIGNOR'S SIGNATURE <i>Paul Russell</i>	DATE 10/30/2012
ADDRESS 718 N. Oregon Avenue, Morton, Illinois 61550		CITIZENSHIP USA
1. WITNESS NAME Jeffrey Fletcher	WITNESS SIGNATURE <i>Jeffrey Fletcher</i>	DATE 10-30-12
ADDRESS 1500 W. Blue Sage Dr. Apt. 1304 Peoria, IL 61615		CITIZENSHIP USA
2. WITNESS NAME Zhiyun Cai	WITNESS SIGNATURE <i>Zhiyun Cai</i>	DATE 10/30/12
ADDRESS 2620 Cedar Pond Dr. Springfield IL 62702		CITIZENSHIP China