

<b>PATENT ASSIGNMENT COVER SHEET</b>
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Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3373224

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BAOJUN SI	05/26/2015
DUSTIN C. SELVEY	05/27/2015
WILLIAM J. TATE	05/27/2015
MARY JILL TRUMPER	05/27/2015
ALEXANDER CAMERON CROSMAN	05/28/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CATERPILLAR INC.
<b>Street Address:</b>	100 N.E. ADAMS STREET
<b>City:</b>	PEORIA
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	61629-9510
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14724767
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)408-4400
<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>	
<b>Phone:</b>	202-408-4000
<b>Email:</b>	regional-desk@finnegan.com
<b>Correspondent Name:</b>	CATERPILLAR/FINNEGAN, HENDERSON, L.L.P.
<b>Address Line 1:</b>	901 NEW YORK AVENUE, NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20001-4413
<b>ATTORNEY DOCKET NUMBER:</b>	08350.1909-00000
<b>NAME OF SUBMITTER:</b>	CHEN ZANG
<b>SIGNATURE:</b>	/Chen Zang/
<b>DATE SIGNED:</b>	05/28/2015
<b>Total Attachments: 6</b>	
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## ASSIGNMENT

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

### REGENERATIVE BRAKING SYSTEM FOR REDUCING FUEL CONSUMPTION

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 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;

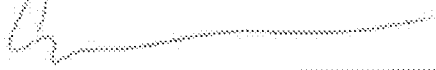
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns,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

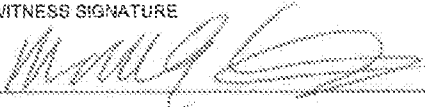
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;


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. 14724767, filed May 28, 2015).

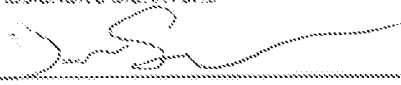
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

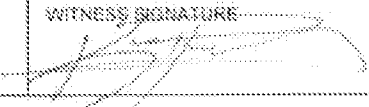
1. FULL NAME OF SOLE OR FIRST ASSIGNOR Baojun Si	ASSIGNOR'S SIGNATURE 	DATE 5/26/2015
ADDRESS 2105 W Brynna Ct. Dunlap, IL, 61525		CITIZENSHIP U.S.A

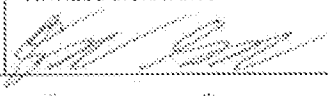
1. WITNESS NAME Matthew Kontz	WITNESS SIGNATURE 	DATE 5-26-2015
ADDRESS 13702 N. Dover Ln Chillicothe, IL 61523		CITIZENSHIP USA

2. WITNESS NAME Mo Wei	WITNESS SIGNATURE 	DATE 05/26/2015
ADDRESS 2330 W Annamere Dr. Dunlap, IL 61525		CITIZENSHIP China

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Dustin C. SELVEY	ASSIGNOR'S SIGNATURE 	DATE 27-May-2015
ADDRESS 1122 Brookview Ct Peoria, IL 61615		CITIZENSHIP USA

1. WITNESS NAME Kurt Peaybyle	WITNESS SIGNATURE 	DATE 27-May-2015
ADDRESS 540 W Sierra Ln APT 2310 Peoria, IL 61615		CITIZENSHIP USA

2. WITNESS NAME Donald J. Gilmore	WITNESS SIGNATURE 	DATE 5/27/15
ADDRESS 3508 W Tran/ Wood Ct Peoria, IL 61615		CITIZENSHIP USA

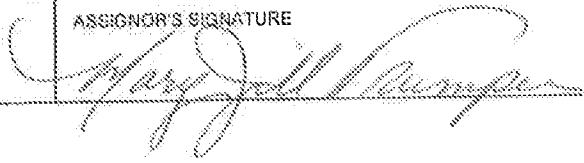
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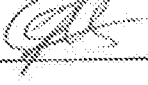
1. FULL NAME OF SOLE OR FIRST ASSIGNOR William J. TATE	ASSIGNOR'S SIGNATURE <i>William J. Tate</i>	DATE 5/27/15
ADDRESS 1457 W. Timberdale DR. DUNLAP, IL 61525		CITIZENSHIP USA

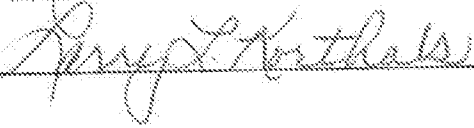
1. WITNESS NAME <i>Matthew E. Williams</i>	WITNESS SIGNATURE <i>Matthew E. Williams</i>	DATE 5/27/15
ADDRESS 209 Juniper Lane, East Peoria, IL 61611		CITIZENSHIP USA

2. WITNESS NAME <i>Donald Gilmore</i>	WITNESS SIGNATURE <i>Donald Gilmore</i>	DATE 5/27/15
ADDRESS 3508 W. Trail Wood Ct. Lenoir, IL 61525		CITIZENSHIP USA

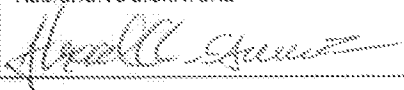
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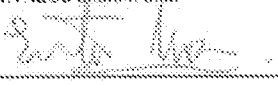
1. FULL NAME OF SOLE OR FIRST ASSIGNOR Mary Jill TRUMPER	ASSIGNOR'S SIGNATURE 	DATE 5/27/2015
ADDRESS 1028 CR 800N SULLIVAN, IL. 61951		CITIZENSHIP USA

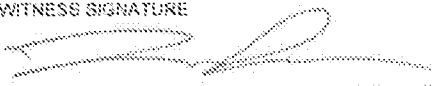
1. WITNESS NAME Juan J. Urbina	WITNESS SIGNATURE 	DATE 5/27/2015
ADDRESS 498 W Ash Ave Decatur IL 62526		CITIZENSHIP MEXICO

2. WITNESS NAME LARRY L. KORTHAUS	WITNESS SIGNATURE 	DATE 5/27/2015
ADDRESS 25 WOODHILL CT. DECATUR, IL 62521		CITIZENSHIP U.S.A.

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Alexander Cameron CROSMAN III	ASSIGNOR'S SIGNATURE 	DATE 28 May 2015
ADDRESS 316 W. Westfield Ct. Dunlap, IL 61525		CITIZENSHIP U.S.A.

1. WITNESS NAME Ernesto Inoa	WITNESS SIGNATURE 	DATE 5/28/15
ADDRESS 12133 N Whipping Wood Dr Dunlap, IL 61525		CITIZENSHIP Dominican

2. WITNESS NAME Zachary Wernlund	WITNESS SIGNATURE 	DATE 5/28/15
ADDRESS 5114 N. Sunnyside Court Peoria, IL 61614		CITIZENSHIP USA