

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3485044

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YANCHAI ZHANG	08/11/2015
INSU CHANG	08/10/2015
JAMES CHASE	08/11/2015
VIJAY JANARDHAN	08/14/2015
PERRY D CONVERSE	08/12/2015
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:	14827370
CORRESPONDENCE DATA	
Fax Number:	(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>	
Phone:	202-408-4000
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Correspondent Name:	CATERPILLAR/FINNEGAN, HENDERSON, L.L.P.
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Address Line 4:	WASHINGTON, D.C. 20001-4413
ATTORNEY DOCKET NUMBER:	08350.1956-00000
NAME OF SUBMITTER:	CHEN ZANG
SIGNATURE:	/Chen Zang/
DATE SIGNED:	08/17/2015
Total Attachments: 6	
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ASSIGNMENT

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

MANAGING LOAD SHARING AMONG MULTIPLE ENGINES

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;

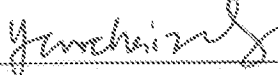
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns,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

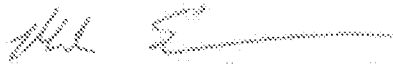
AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

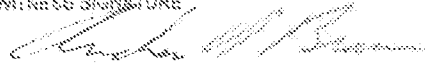
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver 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. 14827370, filed August 17, 2015).

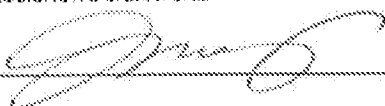
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

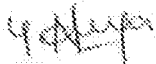
1. FULL NAME OF SOLE OR FIRST ASSIGNOR Yanchai ZHANG	ASSIGNOR'S SIGNATURE 	DATE 08/11/15
ADDRESS 731. S. Breckenridge Dr. Dunlap, IL 61525		CITIZENSHIP P.R. China


1. WITNESS NAME Mark Schore	WITNESS SIGNATURE 	DATE 08/11/15
ADDRESS 3115 W. Forsythe, Peoria IL 61614		CITIZENSHIP USA

2. WITNESS NAME Andy Brown	WITNESS SIGNATURE 	DATE 8-11-15
ADDRESS 1720 Adams Rdg, Washington IL 61571		CITIZENSHIP USA

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Insu CHANG	ASSIGNOR'S SIGNATURE 	DATE 08/10/2015
ADDRESS 1505 North Peoria Avenue, Apt 1006, Peoria, Illinois 61603, USA		CITIZENSHIP South Korea

1. WITNESS NAME Navya Yadma	WITNESS SIGNATURE 	DATE 8/10/2015
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2. WITNESS NAME VENKATA DANDISHITLA	WITNESS SIGNATURE 	DATE 8/10/2015
ADDRESS 2608 W WILLOW LAKE DR, APT # 131, PEORIA IL 61614		CITIZENSHIP INDIA

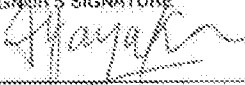
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

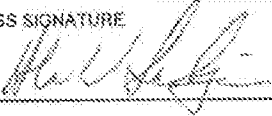
1. FULL NAME OF SOLE OR FIRST ASSIGNOR James CHASE	ASSIGNOR'S SIGNATURE <i>James Chase</i>	DATE 08/12/2015
ADDRESS 74927 N. Ivy Lake Rd, Champaign, IL 61823 USA		CITIZENSHIP USA

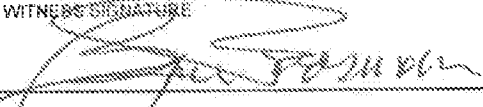
1. WITNESS NAME <i>Mark Schore</i>	WITNESS SIGNATURE <i>Mark Schore</i>	DATE 08/11/2015
ADDRESS 3115 W. Forsythe, Peoria, IL 61614		CITIZENSHIP USA

2. WITNESS NAME <i>Andy Brown</i>	WITNESS SIGNATURE <i>Andy Brown</i>	DATE 8-11-15
ADDRESS 1720 Antenna Rdg, Washington, IL 61571		CITIZENSHIP USA

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Vijay JANARDHAN	ASSIGNOR'S SIGNATURE 	DATE 08/14/15
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1. WITNESS NAME Alan Schweizer	WITNESS SIGNATURE 	DATE 08/14/15
ADDRESS 1883 County Rd 1150N Roundee, IL 61561		CITIZENSHIP USA

2. WITNESS NAME BRYAN POORMAN	WITNESS SIGNATURE 	DATE 8/14/15
ADDRESS 1180 DIEBLE RD WASHINGTON, IL 61571		CITIZENSHIP USA

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

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Perry D. CONVERSE	ASSIGNOR'S SIGNATURE <i>Perry D. Converse</i>	DATE 8/12/2015
ADDRESS 10 Tuscany Ct		CITIZENSHIP US

1. WITNESS NAME MARTIN K. HILL	WITNESS SIGNATURE <i>Martin K. Hill</i>	DATE 8/12/2015
ADDRESS 5317 PIMLICO LANE LAFAYETTE IN 47905		CITIZENSHIP U.S.A.

2. WITNESS NAME STEPHEN C. COATES	WITNESS SIGNATURE <i>Stephen C. Coates</i>	DATE 8/12/2015
ADDRESS 2218 VANCOUVER DRIVE Lafayette IN 47905		CITIZENSHIP U.S.A.