PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

ACCIONNE

CONVEYING PARTY DATA

Name	Execution Date
Brandon L. Hagman	01/25/2013
Matthew D. Meads	01/25/2013

RECEIVING PARTY DATA

Name:	Caterpillar Inc.	
Street Address:	100 N.E. Adams Street	
City:	Peoria	
State/Country:	ILLINOIS	
Postal Code:	61629	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13749939

CORRESPONDENCE DATA

Fax Number: 2028611783

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202.861.1500

Email: atreiber@bakerlaw.com

Correspondent Name: Baker & Hostetler LLP

Address Line 1: 1050 Connecticut Ave., NW

Address Line 2: Suite 1100

Address Line 4: Washington, DISTRICT OF COLUMBIA 20036

ATTORNEY DOCKET NUMBER: 86703.21570

NAME OF SUBMITTER: Adam M. Treiber

Total Attachments: 3

source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif

> PATENT REEL: 029692 FRAME: 0877

CH \$40.00 13/49

502207431

ASSIGNMENT

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

ENGINE COMPENSATION FOR FAN POWER

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 (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 Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and/or official filing date (U.S. Application No. <u>13/749,939</u> filed <u>January 25, 2013</u>).

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

PATENT REEL: 029692 FRAME: 0878

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. **86703.21570** Client Ref. No. **12-0366**

1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE		
Brandon L. Hagman		1/25/243		
ADDRESS		CITIZENSHIP		
402 W Ash Ave		USA		
Pecatur, IL 62526				
1. WITNESS NAME	WITNESS SIGNATURE	DATE		
MURAEL GENTLE	Table 42	1/25/2013		
ADDRESS		CITIZENSHIP		
302 No CARDEN ST.		USA		
MARZON III 61756				
	_			
2. WITNESS NAME	WITNESS SIGNATURE	DATE		
JOE EDLFES	Ge Palfer	1-25-13		
ADDRESS		CITIZENSHIP		
2321 HAPBEN WAY		USA		
NORMA IL 61761				

PATENT REEL: 029692 FRAME: 0879

Full name of second assignor Matthew D. Meads	ASSIGNOR'S SIGNATURE	OATE
ADDRESS 1609 W Viking Ct, Apt 304		1-25-13 CITIZENSHIP USH
Peoria, IL 61614		
1. WITNESS NAME Struch O. OH	WITNESS SIGNATURE	DATE /- でダン/3
ADDRESS 1505 Mackenick	S4.	CITIZENSHIP US/F
Washington, Il	61571	
2 witness name Chalibri Rangarajan	WITNESS SIGNATURE Shakin And The	DATE /- 25 - 20 / 3
11605 Ballynoon		CITIZENSHIP India
Qualap 12 61528		

PATENT REEL: 029692 FRAME: 0880