

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Scott B. Fiveland	05/02/2012
RECEIVING PARTY DATA	
Name:	Caterpillar Inc.
Street Address:	100 N.E. Adams
City:	Peoria
State/Country:	ILLINOIS
Postal Code:	61629-6490
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13466617
CORRESPONDENCE DATA	
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Correspondent Name:	Elias P. Soupos
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Address Line 2:	180 North Stetson Ave., Suite 4900
Address Line 4:	Chicago, ILLINOIS 60601-6731
ATTORNEY DOCKET NUMBER:	709066
NAME OF SUBMITTER:	Elias P. Soupos
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif	

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ASSIGNMENT

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

ALTERNATING SPLIT CYCLE COMBUSTION ENGINE AND METHOD

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, Peoria, Illinois 61629-6490 (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;

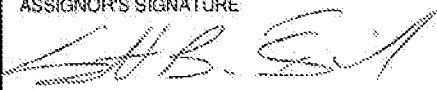
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, 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 (U.S. _____ Application No. 13/466,617 , filed May 8, 2012).

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

1. FULL NAME OF FIRST ASSIGNOR Scott B. Fiveland	ASSIGNOR'S SIGNATURE 	DATE 5/02/2012
ADDRESS 503 Windsor Drive	CITIZENSHIP U.S.	
Metamora, IL 61548		

1. WITNESS NAME Lynda J. Irish	WITNESS SIGNATURE 	DATE 5/02/2012
ADDRESS 705 Senburst Lane	CITIZENSHIP U.S.	
Washington, Ill 61571		

2. WITNESS NAME JOEL D. FEUCHT	WITNESS SIGNATURE 	DATE 5/3/2012
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