

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>Bryan G. LAMMERS</td> <td>01/17/2013</td> </tr> <tr> <td>Daniel E. HENDERSON</td> <td>01/18/2013</td> </tr> <tr> <td>James A. ROAL</td> <td>01/17/2013</td> </tr> <tr> <td>Jackson WAI</td> <td>01/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	Bryan G. LAMMERS	01/17/2013	Daniel E. HENDERSON	01/18/2013	James A. ROAL	01/17/2013	Jackson WAI	01/17/2013
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Daniel E. HENDERSON	01/18/2013										
James A. ROAL	01/17/2013										
Jackson WAI	01/17/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Caterpillar Inc.</td> </tr> <tr> <td>Street Address:</td> <td>100 N.E. Adams Street</td> </tr> <tr> <td>City:</td> <td>Peoria</td> </tr> <tr> <td>State/Country:</td> <td>ILLINOIS</td> </tr> <tr> <td>Postal Code:</td> <td>61629-9510</td> </tr> </table>		Name:	Caterpillar Inc.	Street Address:	100 N.E. Adams Street	City:	Peoria	State/Country:	ILLINOIS	Postal Code:	61629-9510
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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>13745228</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13745228						
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Application Number:	13745228										
CORRESPONDENCE DATA											
<p>Fax Number: 2024084400 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Email: dena.bohannon@finnegan.com Correspondent Name: FINNEGAN, HENDERSON Address Line 1: 901 New York Avenue, NW Address Line 4: Washington, DISTRICT OF COLUMBIA 20001</p>											
ATTORNEY DOCKET NUMBER:	08350.0972										
NAME OF SUBMITTER:	William O. Trousdell										
<p>Total Attachments: 5 source=083500972Assignment#page1.tif source=083500972Assignment#page2.tif source=083500972Assignment#page3.tif source=083500972Assignment#page4.tif source=083500972Assignment#page5.tif</p>											

OP \$40.00 13745228

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. [Text]

To the Director of the U.S. Patent and Trademark Office:
Please record the attached original documents or copy thereof.

Mail Stop Assignment Recordation Services

1. Name of conveying party(ies): 1) Bryan G. LAMMERS 2) Daniel E. HENDERSON 3) James A. ROAL 4) Jackson WAI	2. Name: Caterpillar Inc.
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Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Internal Address:
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3. Nature of conveyance:	Street Address: 100 N.E. Adams Street
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<input checked="" type="checkbox"/> Assignment	<input type="checkbox"/> Merger	City: Peoria
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<input type="checkbox"/> Security Agreement	<input type="checkbox"/> Change of Name	State: IL	Zip Code: 61629-9510
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<input type="checkbox"/> Joint Research Agreement	<input type="checkbox"/> Government Interest Assignment	Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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<input type="checkbox"/> Executive Order 9424, Confirmatory License	<input type="checkbox"/> Other:		
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Execution Date: 1) 01/17/13; 2) 01/18/13; 3) 01/17/13; 4) 01/17/13	
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4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: [Type appropriate information]

A. Patent Application Number(s): 13/745,228 Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	B. Patent Number(s): [Text]
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5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: [number]
---	--

Name: William O. Trousdell (202) 408-4000 Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Street Address: 901 New York Avenue, N.W. City: Washington, D.C.	7. Total fee (37 CFR 1.21(h) and 3.41): \$40 <input checked="" type="checkbox"/> Enclosed (Please charge deficiency or credit overpayment to deposit account 06-0916) <input type="checkbox"/> Authorized to be charged to deposit account
--	--

State: Zip: 20001-4413	8. Deposit Account No.: 06-0916
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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Signed: /William O. Trousdell/ January 22, 2013
 William O. Trousdell, Reg. No. 38,637 Date

Total number of pages including cover sheet, attachments and documents: 5

ASSIGNMENT

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

TURBINE ENGINE HYBRID POWER SUPPLY

for which 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;

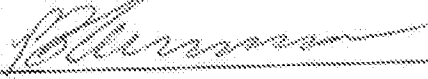
NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, We, as Assignor, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention, 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 (U.S. Application No. 13/745,228, filed 1-18-13).

IN TESTIMONY WHEREOF, I have hereunto set my hand.

1. FULL NAME OF SOLE OR FIRST ASSIGNOR Bryan Gerard LAMMERS	ASSIGNOR'S SIGNATURE 	DATE 1/17/2013
ADDRESS 4955 N Grandview Dr., Peoria Heights, IL 61616		CITIZENSHIP U.S.

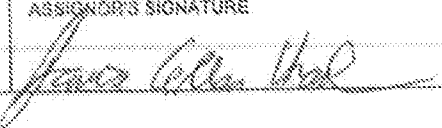
1. WITNESS NAME	WITNESS SIGNATURE	DATE
JENNIFER HASKOVER	Jennifer Haskover	1/14/13
ADDRESS		CITIZENSHIP
1504 N 3rd St Chillicothe, IL 61523		US

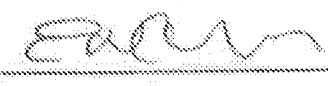
2. WITNESS NAME	WITNESS SIGNATURE	DATE
WAYNE SUPAK	Wayne Supak	1/17/2013
ADDRESS		CITIZENSHIP
150 FAIRVIEW WASHINGTON DC 20157		US

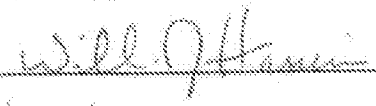
2. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Daniel Edward HENDERSON	Daniel Henderson	18 Jan 13
ADDRESS		CITIZENSHIP
1296 County Rd. 2125 E, Roanoke, IL 61561		U.S.

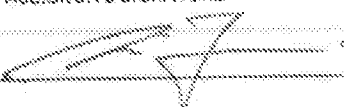
1. WITNESS NAME	WITNESS SIGNATURE	DATE
BRYAN LAMMERS	Bryan Lammers	1/18/13
ADDRESS		CITIZENSHIP
4955 N GRANDVIEW DR PEORIA HEIGHTS, IL 61616		US

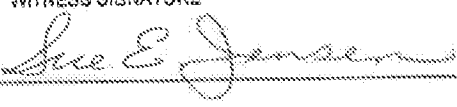
2. WITNESS NAME	WITNESS SIGNATURE	DATE
MICHAEL VERMION	Michael Vermion	1/18/13
ADDRESS		CITIZENSHIP
7226 N. WESCOTT PEORIA, IL 61615		USA

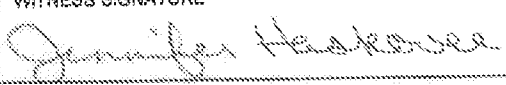
3. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
James Allen ROAL		1-17-2013
ADDRESS 11524 N Bristol Dr., Dunlap, IL 61525		CITIZENSHIP U.S.

1. WITNESS NAME	WITNESS SIGNATURE	DATE
Eric Wayne Olson		1-17-2013
ADDRESS 832 Horseshoe Trail, Eddsville IL		CITIZENSHIP U.S.

2. WITNESS NAME	WITNESS SIGNATURE	DATE
William Hancin		1-17-2013
ADDRESS 319 Sandyshores Chilliatohe IL 61523		CITIZENSHIP U.S.

4. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Jackson WAI		1/17/13
ADDRESS		CITIZENSHIP
11521 Dunmore Dr., Dunlap, IL 61525		Singapore

1. WITNESS NAME	WITNESS SIGNATURE	DATE
Sue Jensen		1/17/2013
ADDRESS		CITIZENSHIP
10717 N. LAURELINE CT.		USA
Peoria, IL 61615		USA

2. WITNESS NAME	WITNESS SIGNATURE	DATE
Jennifer Haskovec		1/17/13
ADDRESS		CITIZENSHIP
1504 N 3rd St		USA
Chicopee, IL 61583		