

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>Dana R. Coldren</td> <td>01/07/2013</td> </tr> <tr> <td>Cory A. Brown</td> <td>01/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	Dana R. Coldren	01/07/2013	Cory A. Brown	01/09/2013				
Name	Execution Date										
Dana R. Coldren	01/07/2013										
Cory A. Brown	01/09/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Caterpillar Inc.</td> </tr> <tr> <td>Street Address:</td> <td>100 NE 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 NE Adams Street	City:	Peoria	State/Country:	ILLINOIS	Postal Code:	61629-9510
Name:	Caterpillar Inc.										
Street Address:	100 NE Adams Street										
City:	Peoria										
State/Country:	ILLINOIS										
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>13741851</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13741851						
Property Type	Number										
Application Number:	13741851										
CORRESPONDENCE DATA											
<p>Fax Number: 8123333173 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 812 333-5355 Email: mmcneil@liellmcneil.com Correspondent Name: Caterpillar Inc. c/o LIELL & MCNEIL ATTO Address Line 1: P.O. Box 2417 Address Line 2: 511 South Madison Street Address Line 4: Bloomington, INDIANA 47402-2417</p>											
ATTORNEY DOCKET NUMBER:	12-0890										
NAME OF SUBMITTER:	Michael B. McNeil										
<p>Total Attachments: 3 source=12-0890-Assignment#page1.tif source=12-0890-Assignment#page2.tif source=12-0890-Assignment#page3.tif</p>											

OP \$40.00 13741851

ASSIGNMENT

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

IN-CYLINDER DYNAMIC GAS BLENDING FUEL INJECTOR AND DUAL FUEL ENGINE

for which I/We will or have filed a patent application; and

WHEREAS, **CATERPILLAR INC.**, a corporation of **DELEWARE** whose post office address is **100 N.E. ADAMS STREET, PEORIA, ILLINOIS, 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, provisional application Serial No. _____, filed _____, **[INSERT ONLY IF CLAIMING PRIORITY TO A US PROVISIONAL APPLICATION]** 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;

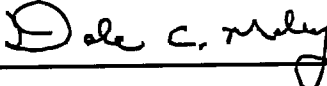
AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver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

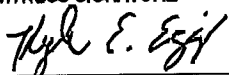
AND, I/WE HEREBY authorize Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and official filing date (U.S. Application No. 13741851, filed 01/15/2013).

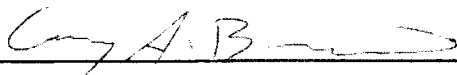
SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 12-0890

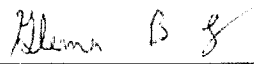
IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

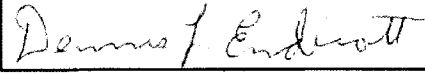
1. FULL NAME OF SOLE OR FIRST ASSIGNOR Dana R. Coldren	ASSIGNOR'S SIGNATURE 	DATE 1-7-13
ADDRESS 2213 W. Kenfield, Peoria, IL 61615		CITIZENSHIP US

1. WITNESS NAME DALE C. MALCY	WITNESS SIGNATURE 	DATE 1-7-13
ADDRESS 17 Brook Wood Court Fairbury, IL 61739		CITIZENSHIP US

2. WITNESS NAME Kyle E. Enzinger	WITNESS SIGNATURE 	DATE 1-7-13
ADDRESS 204 Susan Dr Dwight IL 60420		CITIZENSHIP US

2. FULL NAME OF SECOND ASSIGNOR, IF ANY Cory A. Brown	ASSIGNOR'S SIGNATURE 	DATE 09 Jan 2013
ADDRESS 2401 W. Carriage Ln. Peoria, IL 61614		CITIZENSHIP US

1. WITNESS NAME Glen B. Cox	WITNESS SIGNATURE 	DATE 09-Jan-2013
ADDRESS 701 W. Dearbrook Dr. Peoria, IL 61615		CITIZENSHIP US

2. WITNESS NAME DENNIS L. ENDICOTT	WITNESS SIGNATURE 	DATE 09-JAN-2013
ADDRESS 10215 BRIDGEPORT WAY HANNA CITY, IL 61536		CITIZENSHIP USA