502041895 08/29/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Dana R. Coldren	08/21/2012

RECEIVING PARTY DATA

Name:	Caterpillar Inc.	
Street Address:	100 NE Adams Street	
City:	Peoria	
State/Country:	ILLINOIS	
Postal Code:	61629-9510	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13597924

CORRESPONDENCE DATA

Fax Number: 8123333173 **Phone**: 812 333-5355

Email: mmcneil@liellmcneil.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

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

ATTORNEY DOCKET NUMBER:	11-1207
NAME OF SUBMITTER:	Michael B. McNeil

Total Attachments: 2

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PATENT REEL: 028870 FRAME: 0131 OF \$40.00 1359/924

ASSIGNMENT

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

DUAL CHECK FUEL INJECTOR WITH SINGLE ACTUATOR

for which I 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, 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, 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, my 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 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 HEREBY covenant that I have the full right to convey the interest assigned by this Assignment, and I have not executed and will not execute any agreement in conflict with this Assignment;

AND, I HEREBY further covenant and agree that I will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me 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;

PATENT REEL: 028870 FRAME: 0132 AND, I HEREBY authorize the attorneys/representatives that I have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date ($\frac{13597924}{12}$, filed $\frac{08/29/12}{12}$).

IN TESTIMONY WHEREOF, I have hereunto set our hands.

114 1E5111410141 WIENCEST, I have notetine set our march.				
1. FULL NAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE		
Dana R. Coldren	De	8-21-12		
ADDRESS 450 County Road 1975 E.		CITIZENSHIP US		
Secor, IL 61771				
1. WITNESS NAME	WITNESS SIGNATURE	DATE		
Shivangini S. Hazari	H. Shumgin Singh	08-21-12		
ADDRESS U 3120 W. WILLOW KNOLLS DR.		CITIZENSHIP		
PEORIA, 1L 61614				
2. WITNESS NAME	WITNESS SIGNATURE	DATE		
Josh steffen	Ash Stall	8/21/12		
ADDRESS 904 N. Pine St.		CITIZENSHIP USA		
El Paso, IL 61738				

PATENT REEL: 028870 FRAME: 0133