

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Paul MOONJELLY</td> <td>04/23/2012</td> </tr> <tr> <td>Richard A. BOOTH</td> <td>04/23/2012</td> </tr> <tr> <td>Lester L. PETERS</td> <td>04/23/2012</td> </tr> <tr> <td>Jeffrey C. HUANG</td> <td>04/23/2012</td> </tr> <tr> <td>Phanindra V. GARIMELLA</td> <td>04/23/2012</td> </tr> </tbody> </table>	Name	Execution Date	Paul MOONJELLY	04/23/2012	Richard A. BOOTH	04/23/2012	Lester L. PETERS	04/23/2012	Jeffrey C. HUANG	04/23/2012	Phanindra V. GARIMELLA	04/23/2012	
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RECEIVING PARTY DATA													
Name:	CUMMINS INTELLECTUAL PROPERTY, INC.												
Street Address:	1400 73rd Avenue, N.E.												
City:	Minneapolis												
State/Country:	MINNESOTA												
Postal Code:	55432												
PROPERTY NUMBERS Total: 1													
Property Type	Number												
Application Number:	13361708												
CORRESPONDENCE DATA													
Fax Number:	(703)390-1277												
Phone:	703 390 9051												
Email:	info@sbpatentlaw.com												
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>													
Correspondent Name:	Studebaker & Brackett PC												
Address Line 1:	12700 Sunrise Valley Drive												
Address Line 2:	Suite 102												
Address Line 4:	Reston, VIRGINIA 20191												
ATTORNEY DOCKET NUMBER:	740270-3259												
NAME OF SUBMITTER:	Tim L. Brackett, Jr.												
Total Attachments: 2 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif													

OP \$40.00 13361708

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Paul MOONJELLY, Richard A. BOOTH, Lester L. PETERS, Jeffrey C. HUANG and Phanindra V. GARIMELLA, hereinafter referred to collectively as the assignor, has invented a certain improvement relating to:

SYSTEM AND METHOD OF DETECTING HYDRAULIC START-OF-INJECTION

☐ the inventor(s) declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;

☒ said application having been filed in the United States Patent and Trademark Office on January 30, 2012 authorization being hereby given to the practitioners associated with the STUDEBAKER & BRACKETT PC CUSTOMER NUMBER 78198, to insert here in parentheses (Application Serial No. 13/361,708) the application serial number of said application when known;

☐ said application having been filed under the Patent Cooperation Treaty on _____, as Serial No. _____, the United States of America being designated

AND WHEREAS CUMMINS INTELLECTUAL PROPERTY, INC., of 1400 73rd Avenue, N.E., Minneapolis, MN 55432, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof,

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention for the United States of America and its territories and for all foreign countries, and any and all patents which may be granted therefore, in the United States of America and its territories and in all foreign countries, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

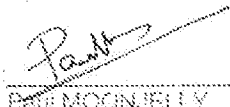
AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks in the United States and Patent Office officials of any and all foreign countries, to issue any and all Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

The undersigned hereby grant(s) the law firm of STUDEBAKER & BRACKETT PC the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

In witness thereof, this Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 4/23/2012

Signature: 

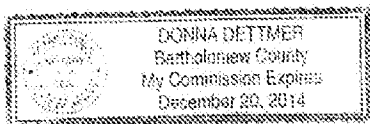
Name: Paul MOONJELLY

Date: 4/23/2012Signature: *Richard A. Booth*
Name: Richard A. BOOTHDate: 4/23/2012Signature: *Lester L. Peters*
Name: Lester L. PETERSDate: 4/23/2012Signature: *Jeffrey C. Huang*
Name: Jeffrey C. HUANGDate: 04/23/2012Signature: *P. V. Phanindra*
Name: Phanindra V. GARIMELLA

This assignment should preferably be acknowledged before a United States Consul or Notary Public. If not, then the execution by the inventor(s) should be witnessed by two other persons who should sign here.

Witness name: _____ Signature: _____

Witness name: _____ Signature: _____



Donna Dettmer
April 23, 2012