PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

ATURE OF CONVEYA				
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY D	ATA			
		Name	Execution Date	
STEVEN M. BELLINGE	R		07/12/2013	
JAE HEE LEE			05/24/2013	
RICHARD D. MASON			08/01/2013	
MATHEW A. CLARK			07/08/2013	
NATHANIEL P. HASSA	LL		08/04/2013	
RECEIVING PARTY DA	TA			
Name:		D		
Street Address: 5	500 JACKSON STREET			
City:	СОLUMBUS			
State/Country:	INDIANA			
Postal Code: 4	47201			
PROPERTY NUMBERS		Number		
Application Number: 29438426				
ORRESPONDENCE D)ATA			
Fax Number:7033901277Correspondence will be sert via US Mail when the fax attempt is unsuccessful.Phone:(703) 390-9051Email:info@sbpatentlaw.comCorrespondent Name:STUDEBAKER & BRACKETT PCAddress Line 1:12700 SUNRISE VALLEY DRIVEAddress Line 2:SUITE 102Address Line 4:RESTON, VIRGINIA 20191				
ATTORNEY DOCKET NUMBER:		740270-3400		
NAME OF SUBMITTER:		Tim L. Brackett, Jr.		

502446510

REEL: 030944 FRAME: 0714

Signature:	/Tim L. Brackett, Jr./
Date:	08/05/2013
Total Attachments: 5 source=DEC_ASN#page1.tif source=DEC_ASN#page2.tif source=DEC_ASN#page3.tif source=DEC_ASN#page4.tif source=DEC_ASN#page5.tif	



Title of Invention

As the below named inventor, I hereby declare that:

This declaration The attached application, or is directed to:

ENGINE

United States application or PCT international application number <u>29/438,426</u> filed on November 29, 2012

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS CUMMINS INC. of 500 Jackson Street, Columbus, Indiana 47201, 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, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to me, the receipt of which is hereby acknowledged, I hereby assign, sell and transfer 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 therefor, 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 I might or could have held and enjoyed the same, if this assignment had not been made.

AND I hereby agree 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 I authorize and request 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.

LEGAL NAME OF INVENTOR

Inventor: Steven M. Bellinger

Date:

07-12-2013

Signature: Manness M Komp

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.



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LEGAL NAME OF INVENTOR	
Inventor: Jae Hee Lee	Date: 24 MAY 2013
Signature:	
Note: An application data sheet (PTO/SB/14 or equiv this form or must have been previously filed. Use an ac	alent), including naming the entire inventive entity, must accompany iditional PTO/AIA/01 form for each additional inventor.

PATENT REEL: 030944 FRAME: 0717



Title	of
Inve	ntion

ENGINE

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is directed to:

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LEGAL NAME OF INVENTOR	. 1 1
Inventor: <u>Richard D. Mason</u>	Date: <u>8/1/2013</u>
signature: Richard Dr.	Mason
	quivalent), including naming the entire inventive entity, must accompany in additional PTO/AIA/01 form for each additional inventor.

PATENT REEL: 030944 FRAME: 0718



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LEGAL NAME OF INVENTOR	
Inventor: Mathew A. Clark	Date: 8 July (01)
Signature:	
Note: An application data sheet (PTO/SB/14 or equivalent) inc	cluding naming the entire inventive entity must accompany

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This declara is directed to				
The above-i	dentified application was made or authorized to be made by me.			
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LEGAL N	AME OF INVENTOR			
Inventor:	Nathaniel P. Hassall Date: 08-04-13			
Signature	Massel			
all divisions herewith. LEGAL N. Inventor: Signature	AME OF INVENTOR Nathaniel P. Hassall Date: 08-04-13			

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