

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>Linsong Guo</td><td>05/22/2008</td></tr><tr><td>Indranil Brahma</td><td>05/22/2008</td></tr></tbody></table>	Name	Execution Date	Linsong Guo	05/22/2008	Indranil Brahma	05/22/2008	
Name	Execution Date						
Linsong Guo	05/22/2008						
Indranil Brahma	05/22/2008						
RECEIVING PARTY DATA							
Name:	CUMMINS IP, INC.						
Street Address:	1400-73rd Avenue NE						
City:	Minneapolis						
State/Country:	MINNESOTA						
Postal Code:	55432						
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>12130658</td></tr></tbody></table>	Property Type	Number	Application Number:	12130658			
Property Type	Number						
Application Number:	12130658						
CORRESPONDENCE DATA							
Fax Number:	(801)531-1929						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	801-994-4646						
Email:	heather@kmiplaw.com						
Correspondent Name:	Brian C. Kunzler						
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ATTORNEY DOCKET NUMBER:	8-02-13001						
NAME OF SUBMITTER:	Brian C. Kunzler						
Total Attachments: 2 source=8-02-13001-assignment#page1.tif source=8-02-13001-assignment#page2.tif							

OP \$40.00 12130658

PATENT

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ASSIGNMENT

I, identified below as "**Inventor**", have made certain new and useful improvements in an invention ("**Invention**"), as set forth in an application for United States Letters Patent executed or about to be executed by me or otherwise in which I am an inventor and bearing the following title and Attorney Docket No. and for which the Attorney of record is hereby authorized to insert the serial number and filing date when ascribed:

Title: APPARATUS, SYSTEM, AND METHOD FOR CALIBRATING AN INTERNAL COMBUSTION ENGINE

Atty. Docket No. 8-02-13001

For good and valuable consideration, I do hereby sell, assign, and transfer to Cummins IP, Inc. ("**Assignee**"), a corporation organized under the laws of the State of Indiana, and located and doing business at 1400-73rd Avenue NE, Minneapolis, MINNESOTA 55432, and to its legal representatives, successors, and assigns, my entire right, title, and interest in and to the Invention and to all United States and foreign patent applications any of whose claims cover all or part of the Invention, to any prior or provisional application, including any application from which priority is claimed, together with all patents resulting from such applications including any continuations, divisions, reissues, re-examinations and extensions thereof and any applications claiming priority therefrom. Assignee shall hold such right, title, and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I agree, upon Assignee's request, to execute or assent to such United States and foreign patent applications and to execute all separate assignments and other legal documents that Assignee may find necessary or desirable in its exercise of the right, title, and interest assigned above. I also agree to communicate to Assignee any facts relating to the Invention or to any of the patent applications or patents contemplated above that may be useful to Assignee and to testify as to such facts in any interferences or in litigation, if requested to do so. I shall do all these things without additional compensation but at no expense to me.

I hereby request the Commissioner of Patents to issue to Assignee, as the owner of my entire right, title, and interest therein, any Letters Patent of the United States that may be issued for the Invention.

Inventor: Linsong Guo Date: 5/22/08  
(Signature)

Name typed or printed: Linsong Guo  
Address: 2234 Fairfax Drive  
Columbus, IN 47203

State of INDIANA)  
County of BARTHOLOMEW) ss

On this 22<sup>nd</sup> day of MAY, 2008, before me personally appeared said Linsong Guo, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

[Signature]  
Notary Public

My Commission expires: 18-APR-2012

Title: APPARATUS, SYSTEM, AND METHOD FOR CALIBRATING AN INTERNAL COMBUSTION ENGINE

Atty. Docket No. 8-02-13001

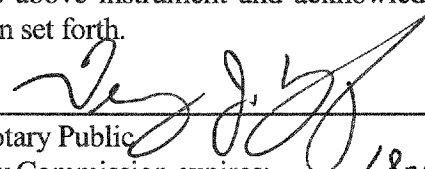
Inventor:  Date: 05/22/08  
(Signature)

Name typed or printed: Indranil Brahma  
Address: 800 North Smith Road, Apt. 19Z  
Bloomington, IN 47408

State of INDIANA )  
County of BARTHOLOMEW ) ss

On this 22<sup>nd</sup> day of MAY, 2008, before me personally appeared said Indranil Brahma, known to me to be the person who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

  
Notary Public  
My Commission expires: 18-APR-2012