

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>Simon Moore</td> <td>06/12/2012</td> </tr> <tr> <td>James Alexander McEwen</td> <td>06/13/2012</td> </tr> <tr> <td>Ian Higgins</td> <td>06/08/2012</td> </tr> <tr> <td>Matthew William Edwards</td> <td>06/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Simon Moore	06/12/2012	James Alexander McEwen	06/13/2012	Ian Higgins	06/08/2012	Matthew William Edwards	06/06/2012
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Simon Moore	06/12/2012										
James Alexander McEwen	06/13/2012										
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Matthew William Edwards	06/06/2012										
RECEIVING PARTY DATA											
Name:	Cummins Ltd.										
Street Address:	St. Andrews Road										
City:	Huddersfield										
State/Country:	UNITED KINGDOM										
Postal Code:	HD1 6RA										
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>13437163</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13437163						
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Application Number:	13437163										
CORRESPONDENCE DATA											
Fax Number:	(317)636-1507										
Phone:	317-636-4341										
Email:	ipdocketing@kdlegal.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:	Clifford W. Browning of Krieg DeVault										
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NAME OF SUBMITTER:	Meg A. Ward										
Total Attachments: 6 source=HOET_148_ASSIGNMENT#page1.tif											

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ASSIGNMENT

WHEREAS, Simon Moore, c/o Cummins Turbo Technologies Ltd., St. Andrews Road, Huddersfield, HD1 6RA, United Kingdom, James Alexander McEwen, c/o Cummins Turbo Technologies, Ltd., St. Andrews Road, Huddersfield, HD1 6RA, United Kingdom, Ian Higgins, c/o Cummins Turbo Technologies, Ltd., St. Andrews Road, Huddersfield, HD1 6RA, United Kingdom and Matthew William Edwards, c/o Cummins Turbo Technologies Ltd., St. Andrews Road, Huddersfield, HD1 6RA, United Kingdom, hereinafter referred to as Assignors, have made one or more new and useful inventions in A TURBINE for which Assignors have made or will make application for Letters Patent of the United States (hereinafter the "Application"); and

WHEREAS, Cummins Ltd, hereinafter referred to as Assignee, having a principal place of business at St. Andrews Road, Huddersfield HD1 6RA, UNITED KINGDOM, desires to acquire all of the entire right, title and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the Application, and in, to and under the Application, and in, to and under any and all Letters Patent, United States and foreign, which may be obtained therefore and thereon;

NOW, THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar (\$1.00) and other good, valuable and sufficient considerations to Assignors in hand paid, the receipt of which is hereby acknowledged, Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Assignee, all of the entire right, title, and interest in, to and under the one or more inventions disclosed, described and claimed or intended so to be in the

Application entitled A TURBINE, and any and all other applications thereon and arising therefrom, including any and all applications claiming the benefit thereof, and any and all divisions, continuations, and continuations-in-part thereof, and any and all patents to be issued and obtained therefor and thereon, United States and foreign, including all reissues and extensions thereof.

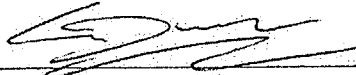
Assignors acknowledge that the Application was executed concurrently herewith unless a different execution date is indicated in item (a) below. Assignors hereby authorize Assignee, its counsel, or its agents to fill-in some or all of the following list of information items (a) through (c) at the discretion of the Assignee, its counsel, or its agents:

- (a) Execution Date of the Application: June 13, 2012
- (b) Patent Office Number of the Application: 13/437,163
- (c) Filing Date of the Application: April 2, 2012

Assignors hereby authorize and request the Commissioner for Patents and Trademarks to issue said Letters Patent to Assignee, its assigns and legal representatives.

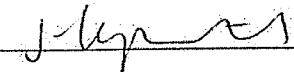
Assignors agree to assign and execute any and all other papers necessary or desirable for the procurement of Letters Patent on said invention in this and all foreign countries for the use of Assignee.

WITNESS Assignor's hand this 12 day of June, 2012.



Simon Moore

Witness Name: JADE HERWORTH

Witness Signature: 

Date: 12th JUNE 2012

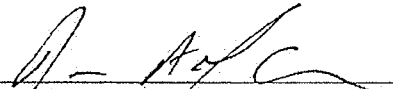
Cummins Ltd

By: J. T. Kitson

Printed Name: J TUART KITSON

Date: 13th JUNE 2012

WITNESS Assignor's hand this 13 day of JUNE, 2012.


James Alexander McEwen

Witness Name: JADE HOLWORTH

Witness Signature: 

Date: 13th JUNE 2012

Cummins Ltd

By: J. T. Kitson

Printed Name: STUART KITSON

Date: 13th JUNE 2012

WITNESS Assignor's hand this 8th day of JUNE, 2012.

Ian Higgins
Ian Higgins

Witness Name: JADE HERWORTH

Witness Signature: J. Herworth

Date: 8TH JUNE 2012

Cummins Ltd.

By: S. T. Kitson

Printed Name: STUART KITSON

Date: 13TH JUNE 2012

WITNESS Assignor's hand this 06 day of June, 2012.


Matthew William Edwards

Witness Name: JADE HEPWORTH

Witness Signature: J. Hepworth

Date: 6th JUNE 2012

Cummins Ltd

By: ST-K

Printed Name: STUART KITSON

Date: 13th JUNE 2012