

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6115641

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|---|---------------------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                        |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                            |
| <b>CONVEYING PARTY DATA</b>   |                                       |
| <b>Name</b>   | <b>Execution Date</b>                 |
| STEPHEN DAVID HUGHES  | 02/12/2019                            |
| <b>RECEIVING PARTY DATA</b>   |                                       |
| <b>Name:</b>  | CUMMINS LTD.                          |
| <b>Street Address:</b>  | 3RD FLOOR, 10 EASTBOURNE TERRACE      |
| <b>Internal Address:</b>  | PADDINGTON                            |
| <b>City:</b>  | LONDON                                |
| <b>State/Country:</b>   | UNITED KINGDOM                        |
| <b>Postal Code:</b>   | W2 6LG                                |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                       |
| <b>Property Type</b>  | <b>Number</b>                         |
| Application Number:   | 16765701                              |
| <b>CORRESPONDENCE DATA</b>  |                                       |
| <b>Fax Number:</b>  | (317)237-1000                         |
| <i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i> |                                       |
| <b>Phone:</b>   | 317-237-0300                          |
| <b>Email:</b>   | cummins.ip@faegredrinker.com          |
| <b>Correspondent Name:</b>  | ROBERT D. NULL                        |
| <b>Address Line 1:</b>  | 300 NORTH MERIDIAN STREET, SUITE 2500 |
| <b>Address Line 4:</b>  | INDIANAPOLIS, INDIANA 46204           |
| <b>ATTORNEY DOCKET NUMBER:</b>  | CI-346479-01-US                       |
| <b>NAME OF SUBMITTER:</b>   | ROBERT D. NULL                        |
| <b>SIGNATURE:</b>   | /robert d. null/                      |
| <b>DATE SIGNED:</b>   | 05/20/2020                            |
| <b>Total Attachments: 2</b>   |                                       |
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| source=20200520_CI-346479-01-US_Assignment#page2.tif  |                                       |

## ASSIGNMENT

THIS ASSIGNMENT is made BETWEEN

**Stephen David HUGHES**, c/o Cummins Ltd, St. Andrews Road, Huddersfield, HD1 6RA, United Kingdom (hereinafter called "the Assignor");

AND

**Cummins Ltd**, St. Andrews Road, Huddersfield, HD1 6RA, United Kingdom (hereinafter called "the Assignee").

WHEREAS

(A) The Assignor is the inventor of an invention relating to **Turbine** (hereinafter referred to as "the Invention") which is the subject of an International Patent Application No. **PCT/GB2018/053388** filed on **23 November 2018** and designating amongst other countries the United States of America (hereinafter referred to as "the Application")

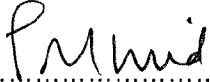
(B) The parties hereto have agreed that all the Assignor's rights in the Invention and the Application and rights ancillary thereto should be transferred by the Assignor to the Assignee for the consideration hereinafter set forth.

NOW THIS ASSIGNMENT WITNESSETH AS FOLLOWS:

1. In consideration of the sum of £1 paid by the Assignee to the Assignor (the receipt of whereof is hereby acknowledged) the Assignor hereby assigns to the Assignee with full title guarantee all the Assignor's right, title and interest in the Invention and the Application insofar as it relates to the United States of America, and all the rights, powers, liberties and immunities conferred on the proprietor thereof by the grant of Patents thereon free from all incumbrances, including the right to sue for damages or other remedies in respect of any infringement of such rights prior to the date hereof TO HOLD unto the Assignee absolutely.
2. The Assignor agrees to execute all papers and documents necessary in connection with the Application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
3. The Assignor agrees to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.
4. The Assignor hereby authorizes and requests the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from the Application or any division or divisions or continuing applications thereof to the Assignee, as Assignee of the entire interest, and hereby covenants that he has full right to convey the entire interest herein assigned and that he has not executed and will not execute any agreement in conflict herewith.
5. The Assignor hereby grants the firm of **MARKS & CLERK LLP** 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 United States Patent Office for recordation of this document

IN WITNESS WHEREOF THE PARTIES HERETO HAVE EXECUTED THIS ASSIGNMENT

EXECUTED ON 12 FEB 2019 [date]  
FOR AND ON BEHALF OF THE ASSIGNEE BY

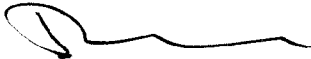


Authorized Officer of Cummins Ltd

Name: PHILIP MARK WILD

Position: DIRECTOR OF TECHNOLOGY

IN THE PRESENCE OF

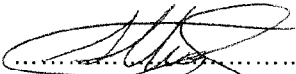


WITNESS

Name: IAN HIRST

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EXECUTED ON 6 - FEBRUARY 2019 [date]  
BY ONE OF THE ASSIGNORS



.....  
**Stephen David HUGHES**

IN THE PRESENCE OF



WITNESS

Name: IAN HIRST

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