506395701 12/10/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAYURA H HALBE	11/01/2018
MING-FENG HSIEH	11/01/2018

RECEIVING PARTY DATA

Name:	CUMMINS INC	
Street Address:	500 JACKSON STREET	
City:	COLUMBUS	
State/Country:	INDIANA	
Postal Code:	47201	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17117432

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Address Line 2: SUITE 3500

Address Line 4: INDIANAPOLIS, INDIANA 46204-2023

ATTORNEY DOCKET NUMBER:	CECO-1855
NAME OF SUBMITTER:	LISA SCHODROWSKI
SIGNATURE:	/Lisa Schodrowski/
DATE SIGNED:	12/10/2020

Total Attachments: 4

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PATENT 506395701 REEL: 054603 FRAME: 0818

COMBINED DECLARATION AND ASSIGNMENT OF PATENT RIGHTS

WHEREAS, the below-named persons (hereinafter referred to as "Assignors" or "Inventors") have made one or more new and useful inventions which are claimed, disclosed and/or described in the patent application identified in Section I. below (hereinafter collectively referred to as "the Invention");

WHEREAS, Cummins Inc. (hereinafter referred to as "Assignee") a legal entity organized under the laws of Indiana, desires to acquire the entire right, title and interest in to and under the Invention and any and all United States, foreign and international patent applications and patents which claim, disclose and/or describe the Invention; and

NOW, THEREFORE, for good, valuable and sufficient consideration to the Assignors, the receipt and sufficiency of which are hereby acknowledged, Assignors and Assignee agree as follows:

I. DECLARATION

	As one of the below-named Inventors I hereby declare that:
3. 5. 8	This declaration is directed to the application entitled COMPRESSOR SURGE CONTROL
which:	and the control of th
	X is attached hereto, or
	was filed as Utility Patent Application Noon
	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.

II. ASSIGNMENT OF PATENT RIGHTS

A. Assignment of Patent Rights

Assignors hereby assign and transfer to Assignee, its successors and assigns, the entire right, title, and interest in, to and under (i) the Invention, (ii) any and all United States, foreign and international patent applications which claim, disclose or describe the Invention including, without limitation, the application identified in Section I. above, (iii) any and all continuations, continuations-in-part, divisionals, foreign counterparts, reexaminations, reissues, extensions and applications claiming the benefit of or priority to any of the foregoing, (iv) any and all rights to claim priority to any of the foregoing, and (v) any and all rights to bring an action under, receive and collect damages for infringement of any of the foregoing and/or obtain injunctive relief for infringement of any of foregoing (hereinafter collectively referred to as "the Assigned Patent Rights").

Assignors acknowledge and agree that the Assigned Patent Rights include any and all future applications not filed at the time of execution of this agreement which disclose, describe and/or claim subject matter of the Invention, or which claim priority to or the benefit of an application or patent which discloses, describes and/or claims subject matter of the Invention. With respect to such future applications, Assignors hereby authorize Assignee, its counsel, or its agents to append information identifying such applications as an Exhibit A to this document at the discretion of Assignee, its attorneys, or its agents.

B. Agreement to Execute Additional Documents and Provide Further Assistance

Assignors agree to execute any and all other documents necessary or desirable to document, memorialize or perfect Assignee's interest in the Assigned Patent Rights and to execute any and all

COMBINED DECLARATION AND ASSIGNMENT CECO-1593/17-0411-SRC (US-PROV) Page 1 23122624.1 other documents and to provide any further assistance necessary or desirable for the procurement of patent rights on the above referenced invention in the United Sates and all foreign countries.

C. Binding, Complete and Enforceable Agreement

Assignors acknowledge that (i) this is an enforceable agreement; (ii) this agreement embodies the entire and only understanding between Assignors and Assignee with respect to the subject matter of this agreement; (iii) no oral explanation or oral information by either party hereto shall alter the meaning or interpretation of this agreement; and (iv) if any provision of this agreement is held to be unlawful or unenforceable, such provision shall be limited or eliminated to the minimum extent necessary so that the remainder of this agreement will continue in full force and effect and be enforceable.

D. Execution

This agreement may be executed in counterparts or duplicate originals, both of which shall be regarded as one and the same instrument, and which shall be the official and governing version in the interpretation of this agreement. This agreement may be executed by facsimile signatures or other electronic means and such signatures shall be deemed binding as if they were original signatures.

[Signature Pages Follow]

COMBINED DECLARATION AND ASSIGNMENT CECO-1593/17-0411-SRC (US-PROV) Page 2 23122824.1

EXECUTED this 15th day of 10 vent be	<u>/_</u> 2018.
Whath	
Mayura H. Halbe	
STATE OF <u>Indiana</u> :ss county of <u>Jackson</u> :ss	
COUNTY OF Jackson)	<i>3</i>
Before me, a Notary Public, in and for said Cour Halbe, who, being first duly sworn upon his oath "Assignment" as his voluntary act and deed. WITNESS my hand and Notarial Seal this	, acknowledged the execution of the foregoing
Janblyn R. Fisher Notary Public	
Printed: Tamblyn A. Fisher	
Resident of <u>Jack 5017</u> County	
My Commission Expires:	TAMBLYN R. FISHER Notary Public, State of Indians Jackson County SEAL Commission # 055110 My Commission Expires
June 30 2022	June 30, 2022

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June 30, 2022

EXECUTED this day of	, 2018.
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Ming-Feng Hsich	
STATE OF I CLOSE)	×
): \$5 COUNTY OF (((((((((((((((((((>
WITNESS my hand and Notarial Scal this	sday of <u>NAUKHUY 4</u> 2018.
Mel	
Notary Public	Navy LEA JONES Notary Public, State of Ingliens 8 (554) Salary Public, State of Ingliens
Printed: TYOK Y LOQ JOSAS	Commission # 76898) One of the Commission Express January 04, 2026

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RECORDED: 12/10/2020

January 4, 2004

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