PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6142969

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NAVIN SURANA	11/19/2018
VIJAY DINKAR KOLHE	11/16/2018

RECEIVING PARTY DATA

Name:	CUMMINS TECHNOLOGIES INDIA PRIVATE LIMITED
Street Address:	CUMMINS INDIA OFFICE CAMPUS
Internal Address:	TOWER A, 2ND, 4TH & 8TH FLOOR, SURVEY NO. 21
City:	BALEWADI, PUNE
State/Country:	INDIA
Postal Code:	411045

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16769655

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 312-832-4530

Email: jwiggins@foley.com

Correspondent Name: ROBERTO J. FERNANDEZ/FOLEY & LARDNER LLP

Address Line 1: 321 N. CLARK STREET

Address Line 2: SUITE 3000

Address Line 4: CHICAGO, ILLINOIS 60654

ATTORNEY DOCKET NUMBER:	106389-6025
NAME OF SUBMITTER:	ROBERTO J. FERNANDEZ
SIGNATURE:	/Roberto J. Fernandez/
DATE SIGNED:	06/08/2020

Total Attachments: 4

source=106389-6025-Executed-Assignment-IN#page1.tif source=106389-6025-Executed-Assignment-IN#page2.tif source=106389-6025-Executed-Assignment-IN#page3.tif

PATENT 506096248 REEL: 052868 FRAME: 0664

 $source = 106389\text{-}6025\text{-}Executed\text{-}Assignment\text{-}IN\#page4.tif}$

PATENT REEL: 052868 FRAME: 0665

ASSIGNMENT - WORLDWIDE

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor (hereinafter referred to singly and collectively as "ASSIGNOR") has sold, assigned, and transferred, and by these presents hereby sells, assigns, and transfers, unto

Cummins Technologies India Private Limited Cummins India Office Campus Tower A, 2nd, 4th & 8th Floor Survey no 21 Balewadi, Pune – 411045

(hereinafter referred to as "ASSIGNEE") its successors and assigns, the full and exclusive right, title and interest for the United States, its territories and possessions, and all foreign countries in and to this invention relating to

CRANKCASE VENTILATION SYSTEMS HAVING A SWIRL BREAKER TO REDUCE PRESSURE DROP IN TANGENTIALLY EXITING FLUIDS

	And the state of t	*
check one	[] executed concurrently herewith,	
	executed on,	¢.
	[X] Serial No. <u>PCT/US2018/060070</u> Filed <u>11/9/2018</u>	

as set forth in PCT application No.:

as well as in and to (a) all improvements and modifications of the above-identified invention or inventions, (b) the above-identified application and all other applications for Letters Patent of the United States and countries foreign thereto for above-identified invention or inventions and all improvements and modifications thereof, (c) all Letters Patent which may issue from said applications in the United States and countries foreign thereto, (d) all divisions, continuations, reissues, and extensions of said applications and Letters Patent, and (e) the right to claim for any of said applications the full benefits and priority rights under the Patent Cooperation Treaty, the Paris Convention and any other international agreement; such right, title, and interest to be held and enjoyed by ASSIGNEE, its successors and assigns, to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by ASSIGNOR had this Assignment not been made.

ASSIGNOR HEREBY AUTHORIZES ASSIGNEE to file patent applications in any or all countries on the above-identified invention or inventions in the name of the undersigned or in the name of ASSIGNEE or otherwise as ASSIGNEE may deem advisable under the International Convention or otherwise.

Page 1 of 4

4837-3057-3506.1

 ASSIGNOR HEREBY AUTHORIZES AND REQUESTS the Commissioner of Patents and Trademarks to issue said Letters Patent to ASSIGNEE as assignee of the entire interest, for the sole use and benefit of ASSIGNEE, its successors and assigns.

ASSIGNOR HEREBY AGREES (a) to communicate to ASSIGNEE, its successors and assigns, or their representative or agents, all facts and information known or available to ASSIGNOR respecting said invention or inventions, improvements, and modifications including evidence for interference, reexamination, reissue, opposition, revocation, extension, or infringement purposes or other legal, judicial, or administrative proceedings, whenever requested by ASSIGNEE; (b) to testify in person or by affidavit as required by ASSIGNEE, its successors and assigns, in any such proceeding in the United States or a country foreign thereto; (c) to execute and deliver, upon request by ASSIGNEE, all lawful papers including, but not limited to, original, divisional, continuation, and reissue applications, renewals, assignments, powers of attorney, oaths, affidavits, and declarations, depositions; and (d) to provide all reasonable assistance to ASSIGNEE, its successors and assigns, in obtaining and enforcing proper title in and protection for said invention or inventions, improvements, and modifications under the intellectual property laws of the United States and countries foreign thereto.

ASSIGNOR HEREBY REPRESENTS AND WARRANTS that ASSIGNOR has the full and unencumbered right to sell, assign, and transfer the interests sold, assigned, and transferred herein, and that ASSIGNOR has not executed and will not execute any document or instrument in conflict herewith.

ASSIGNOR HEREBY GRANTS to the law firm of Foley & Lardner LLP the power and authority to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

ASSIGNOR UNDERSTANDS AND AGREES that the attorneys and agents of the law firm of Foley & Lardner LLP do not personally represent ASSIGNOR OR ASSIGNOR's legal interests, but instead represent the interests of ASSIGNEE; since said attorneys and agents cannot provide legal advice to ASSIGNOR with respect to this Assignment, ASSIGNOR acknowledges its right to seek its own independent legal counsel.

Executed this 19th day of NOVe ωρελ, 2018.	Vicinia	<u>na</u>
	NAVIN SU	
NAME AND SIGNATURE OF WITNESSES		
NAME: Janhavi Fadmavis SIGNATURE:	Gudraire	DATE: 19/11/2018
NAME: Swasoop Dhavale SIGNATURE:	Whavele	DATE: M/11/2018

Executed this 16th day of November 2018	*	
	Sol-	
	VIJAY DINKAR KOLHE	*********

NAME AND SIGNATURE OF WITNESSES

NAME: Janhavi Fachavis SIGNATURE: DATE: 16/11/2018

NAME: Swarzep Dhavele SIGNATURE: Tollarde DATE: 16/11/2018

Page 4 of 4

4837-3057-6506.1

RECORDED: 06/08/2020

PATENT REEL: 052868 FRAME: 0669