506133787 07/01/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHRISTOPHER MICHAEL CAULKINS	04/21/2020
KEITH AARON SHAW	04/21/2020

RECEIVING PARTY DATA

Name:	CONTINENTAL AUTOMOTIVE SYSTEMS, INC.
Street Address:	ONE CONTINENTAL DRIVE
City:	AUBURN HILLS
State/Country:	MICHIGAN
Postal Code:	48326

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16007746

CORRESPONDENCE DATA

Fax Number: (248)393-5831

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: 248-393-5300

Email: cindy.bernges@continental-corporation.com **Correspondent Name:** CONTINENTAL AUTOMOTIVE SYSTEMS, INC.

Address Line 1: ONE CONTINENTAL DRIVE

Address Line 2: LEGAL DEPARTMENT - INTELLECTUAL PROPERTY

Address Line 4: AUBURN HILLS, MICHIGAN 48326-1581

ATTORNEY DOCKET NUMBER:	2017P03655 US02,	
NAME OF SUBMITTER:	CINDY BERNGES	
SIGNATURE:	/Cindy Bernges/	
DATE SIGNED:	07/01/2020	

Total Attachments: 2

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PATENT 506133787 REEL: 053097 FRAME: 0055

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, CHRISTOPHER MICHAEL CAULKINS, Virginia Beach, VA, US; KEITH AARON SHAW, Yorktown, VA, US, do hereby sell, assign and transfer, unto Continental Automotive Systems, Inc., a corporation of the State of Delaware, having its principal office in One Continental Drive, Auburn Hills, MI 48326, , and its successors, assigns, and legal representatives, the entire right, title and interest for the United States of America in and to certain inventions relating to improvements in

THERMALLY ISOLATED REDUCTANT DOSING UNIT WITH HERMETIC SEAL

described, illustrated and claimed in an application for Letters Patent of the United States of America, Docket No. **2017P03655 US02**, executed by us on the dates indicated by our signatures below, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation or reissue thereof, including the right to collect damages from any past infringement of such Letters Patent.

We hereby also sell, assign and transfer unto Continental Automotive Systems, Inc., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize Continental Automotive Systems, Inc., to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to Continental Automotive Systems, Inc., for the sole use and benefit of Continental Automotive Systems, Inc., its successors, assigns and legal representatives, to the full end of the term for which any Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to Continental Automotive Systems, Inc..

We agree that, when requested, we will, without charge to Continental Automotive Systems, Inc., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and

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all countries and for vesting title thereto in Continental Automotive Systems, Inc., its successors, assigns and legal representatives or nominees.

We covenant with Continental Automotive Systems, Inc., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

Chris Caulkins	04/21/2020
CHRISTOPHER MICHAEL CAULKINS	Date (MM/DD/YYYY)
/ Keith Shaw /	04/21/2020
KEITH AARON SHAW	Date (MM/DD/YYYY)

RECORDED: 07/01/2020

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