PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIMON BAENSCH	01/11/2019
THOMAS KNORR	01/17/2019

RECEIVING PARTY DATA

Name:	CONTINENTAL AUTOMOTIVE GMBH
Street Address:	VAHRENWALDER STRASSE 9
City:	HANNOVER
State/Country:	GERMANY
Postal Code:	30165

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15652405

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.

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Correspondent Name: CONTINENTAL AUTOMOTIVE SYSTEMS, INC.

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Address Line 2: LEGAL DEPARTMENT? INTELLECTUAL PROPERTY

Address Line 4: AUBURN HILLS, MICHIGAN 48326-1581

ATTORNEY DOCKET NUMBER:	2016P02546US-CP
NAME OF SUBMITTER:	LUIZA BOGDAN
SIGNATURE:	/Luiza Bogdan/
DATE SIGNED:	01/23/2019

Total Attachments: 4

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> **PATENT REEL: 048096 FRAME: 0708**

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ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, THOMAS KNORR, TEGERNHEIM, GERMANY; do hereby sell, assign and transfer, unto CONTINENTAL AUTOMOTIVE GMBH, a corporation of Germany, having its principal office in Hannover, Germany, 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 <u>ELECTRIC EXHAUST-GAS</u>
CATALYTIC CONVERTER, VEHICLE AND METHOD FOR OPERATING AN ELECTRIC EXHAUST-GAS CATALYTIC COVERTER

described, illustrated and claimed in an application for Letters Patent of the United States of America, Ser. No. 15/652,405, filed on July 18, 2017, executed by me on the dates indicated by my signature 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.

I hereby also sell, assign and transfer unto CONTINENTAL AUTOMOTIVE GMBH, 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 I further authorize CONTINENTAL AUTOMOTIVE GMBH to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filling date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I 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 GMBH, for the sole use and benefit of CONTINENTAL AUTOMOTIVE GMBH, 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 me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to CONTINENTAL AUTOMOTIVE GMBH.

I agree that, when requested, I will, without charge to CONTINENTAL AUTOMOTIVE GMBH, 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 all countries and for vesting title thereto in CONTINENTAL AUTOMOTIVE GMBH, its successors, assigns and legal representatives or nominees.

I covenant with CONTINENTAL AUTOMOTIVE GMBH, 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.

Thomas Knorr

Date

17, 1, 2019

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, SIMON BAENSCH, PFAKOFEN, GERMANY; do hereby sell, assign and transfer, unto CONTINENTAL AUTOMOTIVE GMBH, a corporation of Germany, having its principal office in Hannover, Germany, 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 ELECTRIC EXHAUST-GAS CATALYTIC CONVERTER, VEHICLE AND METHOD FOR OPERATING AN ELECTRIC EXHAUST-GAS CATALYTIC COVERTER

described, illustrated and claimed in an application for Letters Patent of the United States of America, Ser. No. 15/652,405, filed on July 18, 2017, executed by me on the dates indicated by my signature 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.

I hereby also sell, assign and transfer unto CONTINENTAL AUTOMOTIVE GMBH, 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 I further authorize CONTINENTAL AUTOMOTIVE GMBH to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filling date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I 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 GMBH, for the sole use and benefit of CONTINENTAL AUTOMOTIVE GMBH, 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 me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to CONTINENTAL AUTOMOTIVE GMBH.

I agree that, when requested, I will, without charge to CONTINENTAL AUTOMOTIVE GMBH, 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 all countries and for vesting title thereto in CONTINENTAL AUTOMOTIVE GMBH, its successors, assigns and legal representatives or nominees.

I covenant with CONTINENTAL AUTOMOTIVE GMBH, 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.

SIMON BAENSCH

Date