

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2874723

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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>                |
| ISAAC P. VANVELZEN  | 05/21/2014                           |
| BRIAN J. MCKAY  | 05/21/2014                           |
| <b>RECEIVING PARTY DATA</b>   |                                      |
| <b>Name:</b>  | CONTINENTAL AUTOMOTIVE SYSTEMS, INC. |
| <b>Street Address:</b>  | ONE CONTINENTAL DRIVE                |
| <b>City:</b>  | AUBURN HILLS                         |
| <b>State/Country:</b>   | MICHIGAN                             |
| <b>Postal Code:</b>   | 48326                                |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                      |
| <b>Property Type</b>  | <b>Number</b>                        |
| Application Number:   | 14289688                             |
| <b>CORRESPONDENCE DATA</b>  |                                      |
| <b>Fax Number:</b>  |                                      |
| <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> |                                      |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 2013P03074US                         |
| <b>NAME OF SUBMITTER:</b>   | EDWARD STEMBERGER                    |
| <b>SIGNATURE:</b>   | /Edward Stemberger/                  |
| <b>DATE SIGNED:</b>   | 05/29/2014                           |
| <b>Total Attachments: 2</b>   |                                      |
| source=Assignment-signed#page1.tif  |                                      |
| source=Assignment-signed#page2.tif  |                                      |

**ASSIGNMENT**

For good and valuable consideration, we, Isaac P. VanVelzen, residing at 8189 Staghorn Trail, Clarkston, MI 48348, and Brian J. McKay, residing at 5156 Park Ridge Drive, West Bloomfield, MI 48323,

Hereby sell, assign and transfer to Continental Automotive Systems, Inc., a corporation organized and existing under the laws of Delaware, having a place of business at One Continental Drive, Auburn Hills, MI 48326, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned even date herewith, entitled:

**STOICHIOMETRIC AIR TO FUEL RATIO SENSOR SYSTEM**

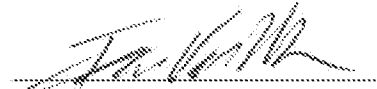
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives;

Agree to perform all affirmative acts which may be necessary to obtain a grant of a valid United States Patent to the Assignee including the duty to disclose to the United States Patent & Trademark Office all information known to the Assignor to be material to the patentability of the U.S. patent application for this invention as defined in Section 1.56 of Title 37 Code of Federal Regulations; and

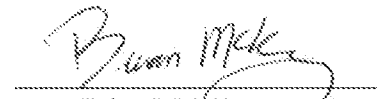
Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date: 5/21/2014

  
Isaac VanVelzen

Witness: Randall Miller  
(print name): RANDALL MILLER

Date: 5/21/2014

  
Brian J. McKay

Witness: RANDALL MILLER  
(print name):