

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2675051

| SUBMISSION TYPE:  | NEW ASSIGNMENT                        |               |                                      |                      |                  |                       |              |                      |            |              |            |
|---|---------------------------------------|---------------|--------------------------------------|----------------------|------------------|-----------------------|--------------|----------------------|------------|--------------|------------|
| NATURE OF CONVEYANCE:   | ASSIGNMENT                            |               |                                      |                      |                  |                       |              |                      |            |              |            |
| CONVEYING PARTY DATA  |                                       |               |                                      |                      |                  |                       |              |                      |            |              |            |
| <table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>PERRY ROBERT CZIMMEK</td> <td>01/08/2014</td> </tr> <tr> <td>MICHAEL JOSEPH HORNBY</td> <td>01/08/2014</td> </tr> <tr> <td>DOUGLAS EDWARD COSBY</td> <td>01/08/2014</td> </tr> </tbody> </table>                      |                                       | Name          | Execution Date                       | PERRY ROBERT CZIMMEK | 01/08/2014       | MICHAEL JOSEPH HORNBY | 01/08/2014   | DOUGLAS EDWARD COSBY | 01/08/2014 |              |            |
| Name  | Execution Date                        |               |                                      |                      |                  |                       |              |                      |            |              |            |
| PERRY ROBERT CZIMMEK  | 01/08/2014                            |               |                                      |                      |                  |                       |              |                      |            |              |            |
| MICHAEL JOSEPH HORNBY   | 01/08/2014                            |               |                                      |                      |                  |                       |              |                      |            |              |            |
| DOUGLAS EDWARD COSBY  | 01/08/2014                            |               |                                      |                      |                  |                       |              |                      |            |              |            |
| RECEIVING PARTY DATA  |                                       |               |                                      |                      |                  |                       |              |                      |            |              |            |
| <table border="1"> <tr> <td>Name:</td> <td>CONTINENTAL AUTOMOTIVE SYSTEMS, INC.</td> </tr> <tr> <td>Street Address:</td> <td>1 CONTINENTAL DR</td> </tr> <tr> <td>City:</td> <td>AUBURN HILLS</td> </tr> <tr> <td>State/Country:</td> <td>MICHIGAN</td> </tr> <tr> <td>Postal Code:</td> <td>48326-1581</td> </tr> </table> |                                       | Name:         | CONTINENTAL AUTOMOTIVE SYSTEMS, INC. | Street Address:      | 1 CONTINENTAL DR | City:                 | AUBURN HILLS | State/Country:       | MICHIGAN   | Postal Code: | 48326-1581 |
| Name:   | CONTINENTAL AUTOMOTIVE SYSTEMS, INC.  |               |                                      |                      |                  |                       |              |                      |            |              |            |
| Street Address:   | 1 CONTINENTAL DR                      |               |                                      |                      |                  |                       |              |                      |            |              |            |
| City:   | AUBURN HILLS                          |               |                                      |                      |                  |                       |              |                      |            |              |            |
| State/Country:  | MICHIGAN                              |               |                                      |                      |                  |                       |              |                      |            |              |            |
| Postal Code:  | 48326-1581                            |               |                                      |                      |                  |                       |              |                      |            |              |            |
| PROPERTY NUMBERS Total: 1   |                                       |               |                                      |                      |                  |                       |              |                      |            |              |            |
| <table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14134686</td> </tr> </tbody> </table>   |                                       | Property Type | Number                               | Application Number:  | 14134686         |                       |              |                      |            |              |            |
| Property Type   | Number                                |               |                                      |                      |                  |                       |              |                      |            |              |            |
| Application Number:   | 14134686                              |               |                                      |                      |                  |                       |              |                      |            |              |            |
| CORRESPONDENCE DATA   |                                       |               |                                      |                      |                  |                       |              |                      |            |              |            |
| Fax Number:   | (847)862-8308                         |               |                                      |                      |                  |                       |              |                      |            |              |            |
| Phone:  | 8478620021                            |               |                                      |                      |                  |                       |              |                      |            |              |            |
| Email:  | patentsus@continental-corporation.com |               |                                      |                      |                  |                       |              |                      |            |              |            |
| <i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>  |                                       |               |                                      |                      |                  |                       |              |                      |            |              |            |
| Correspondent Name:   | CONTINENTAL AUTOMOTIVE SYSTEMS, INC.  |               |                                      |                      |                  |                       |              |                      |            |              |            |
| Address Line 1:   | 21440 W LAKE COOK RD                  |               |                                      |                      |                  |                       |              |                      |            |              |            |
| Address Line 2:   | INTELLECTUAL PROPERTY                 |               |                                      |                      |                  |                       |              |                      |            |              |            |
| Address Line 4:   | DEER PARK, ILLINOIS 60010-3609        |               |                                      |                      |                  |                       |              |                      |            |              |            |
| ATTORNEY DOCKET NUMBER:   | 2012P01913US01                        |               |                                      |                      |                  |                       |              |                      |            |              |            |
| NAME OF SUBMITTER:  | ROBERT K SMOLIK                       |               |                                      |                      |                  |                       |              |                      |            |              |            |
| Signature:  | /Robert K Smolik/                     |               |                                      |                      |                  |                       |              |                      |            |              |            |

Date:

01/09/2014

Total Attachments: 3

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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **PERRY ROBERT CZIMMEK, WILLIAMSBURG, VA; MICHAEL JOSEPH HORNBY, WILLIAMSBURG, VA; and DOUGLAS EDWARD COSBY, YORKTOWN, VA;** do hereby sell, assign and transfer, unto **CONTINENTAL AUTOMOTIVE SYSTEMS, INC.**, a corporation of the State of Delaware, having its principal office in Auburn Hills, State of Michigan, United States of America, 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 **USING RESISTANCE EQUIVALENT TO ESTIMATE TEMPERATURE OF A FUEL-INJECTOR HEATER** described, illustrated and claimed in an application for Letters Patent of the United States of America, Serial No. 14/134,686, filed on December 19, 2013, 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 all countries and for vesting title thereto in CONTINENTAL AUTOMOTIVE SYSTEMS, INC., its successors, assigns and legal representatives or nominees.

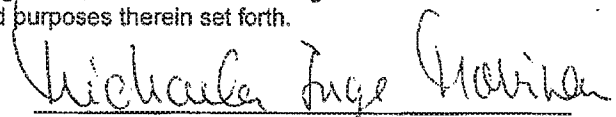
We covenant with CONTINENTAL AUTOMOTIVE SYSTEMS, INC., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

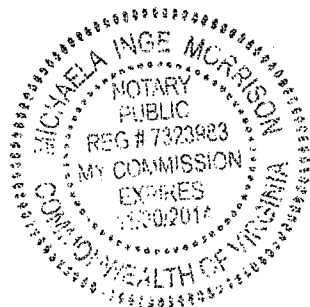
  
PERRY ROBERT CZIMMEK

1-8-14  
Date

STATE OF Virginia )  
COUNTY OF Newport News ) ss

On this 8th day of January, 2014, before me personally came the above named **PERRY ROBERT CZIMMEK**, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.

  
Notary Public  
My Commission Expires: 4/30/14

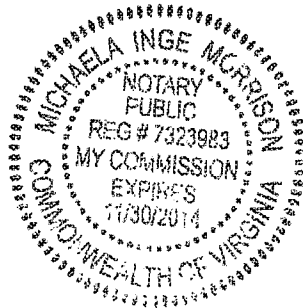


Michael Joseph Hornby  
MICHAEL JOSEPH HORNBY

1/8/14  
Date

STATE OF Virginia )  
COUNTY OF Newport News ) SS

On this 8th day of January, 2014, before me personally came the above named **MICHAEL JOSEPH HORNBY**, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



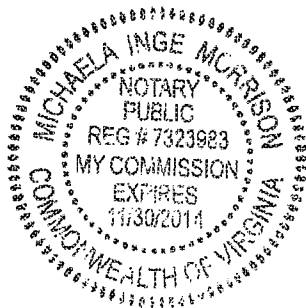
Michaela Inge Morrison  
Notary Public  
My Commission Expires: 11/30/14

Douglas Edward Cosby  
DOUGLAS EDWARD COSBY

1/3/14  
Date

STATE OF Virginia )  
COUNTY OF Newport News ) SS

On this 8th day of January, 2014, before me personally came the above named **DOUGLAS EDWARD COSBY**, who is personally known by me or proved to me on the basis of satisfactory evidence to be the same individual who executed the foregoing assignment, and who acknowledged to me that he/she executed the same of his/her own free will for the use and purposes therein set forth.



Michaela Inge Morrison  
Notary Public  
My Commission Expires: 11/30/14