PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|--------------------|----------------|
| GERHARD ESER | 03/06/2014 |
| WOLFGANG MOSER | 03/06/2014 |
| SEBASTIAN VIEHÖVER | 03/07/2014 |

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14348729 |

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.

Email:ip-admin@continental-corporation.comCorrespondent Name:CONTINENTAL AUTOMOTIVE GMBHAddress Line 1:THOMAS-DEHLER-STRASSE 27Address Line 4:MUNICH, GERMANY 81737

| ATTORNEY DOCKET NUMBER: | 2011P01041WOUS |
|-------------------------|-----------------|
| NAME OF SUBMITTER: | MONIKA KRAMER |
| SIGNATURE: | /Monika Kramer/ |
| DATE SIGNED: | 05/27/2014 |

Total Attachments: 2

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PATENT 502823920 REEL: 032962 FRAME: 0083

ASSIGNMENT

For good and valuable consideration, I/we, the undersigned

Gerhard Eser

residing at:

Heimweg 11 93155 Hemau GERMANY Wolfgang Moser

residing at:

Am Protzenweiher 19a 93059 Regensburg GERMANY

Sebastian Viehöver

residing at:

Roter-Brach-Weg 24a 93049 Regensburg GERMANY residing at:

hereby sell, assign, and transfer to

| Continental Automotive | 3mbH | | ********** | ***** |
|-----------------------------|---------|------|------------|-------|
| a German corporation | ~~~~ | | | |
| organized and existing | under | the | laws | of |
| GERMANY | | | | |
| having its (their) principa | i place | of b | usines | S |
| in Hannover: GERMANY | r : | | | |

herein the "Assignee(s)", its (their) successor(s), assigns and legal representatives the entire and exclusive right, title and interest in and for the United States and for any of the Contracting States bound by the PCT on the international filing date, in all and to any improvements in the

(Title:) Method and device for operating an internal combustion engine

disclosed in the PCT international application for Letters Patent designating the United States and any of the Contracting States bound by the PCT on the international filing date, said application being identified in our records as

Applicants File No.

2011P01041WOUS

and filed as PCT-application

PCT/EP2012/069031

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 any of the Contracting States bound by the PCT on the international filing date on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and any of the Contracting States bound by the PCT on the international filing date on said improvements;

hereby agree that said Assignee(s) may apply for and receive Letters Patent for said improvements in its (their) own name and that when requested without charge to but at the expense of said Assignee(s), its (their) successor(s), assigns, and legal representatives, to

3NR: 4248 /

PATENT REEL: 032962 FRAME: 0084 carry out in good faith the intent and purpose of this agreement, 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(s), its (their) successor(s), 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(s), its (their) successor(s), 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(s), its (their) successor(s), assigns, and legal representatives; and

hereby covenant with said Assignee(s), its (their) successor(s), assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed had been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

| Date: 06.03.44 | G. C. |
|---------------------------------------|--------------|
| · · · · · · · · · · · · · · · · · · · | Gerhard Eser |
| Witness: M. Reny | |
| (printed name: Markin Reisinger) | |

Date: OR. 03.44 Sebastian Viehöver

(printed name: WAUS BAYERLE)

RECORDED: 05/27/2014