

<b>PATENT ASSIGNMENT COVER SHEET</b>
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 Stylesheet Version v1.2

EPAS ID: PAT5438579

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GERHARD ESER	11/14/2014
DIRK HEINITZ	11/13/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CONTINENTAL AUTOMOTIVE GMBH
<b>Street Address:</b>	VAHRENWALDER STRASSE 9
<b>City:</b>	HANNOVER
<b>State/Country:</b>	GERMANY
<b>Postal Code:</b>	30165
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15347418
<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>	
<b>Phone:</b>	5124023575
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<b>Address Line 1:</b>	401 CONGRESS AVE
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<b>ATTORNEY DOCKET NUMBER:</b>	78857.117336
<b>NAME OF SUBMITTER:</b>	TODD ROSSON
<b>SIGNATURE:</b>	/TAR/
<b>DATE SIGNED:</b>	03/25/2019
<b>Total Attachments: 2</b>	
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ASSIGNMENT

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

Gerhard Eser  
residing at:  
Heimweg 11  
93155 Hemau  
GERMANY

Dirk Heinitz  
residing at:  
An der Karolinenzeche 15  
93152 Undorf  
GERMANY

hereby sell, assign, and transfer to

Continental Automotive GmbH  
a German corporation  
organized and existing under the laws of  
GERMANY  
having its (their) principal place of business  
in Hannover, GERMANY

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:) **DETERMINING THE AMOUNT OF ENERGY RELEASED IN A CYLINDER OF AN INTERNAL COMBUSTION ENGINE BY EVALUATING TOOTH TIMINGS OF A SENSOR DISC THAT IS CONNECTED TO A CRANKSHAFT**

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

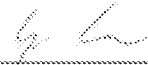
Applicants File No. 2012P00941WOUS  
and filed as PCT-application PCT/EP2013/062298

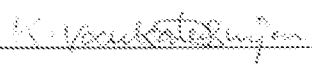
and in and to said application and all divisional, continuing substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and any of the Contracting States bound by the PCT on the international filing date on any of said improvements; 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;

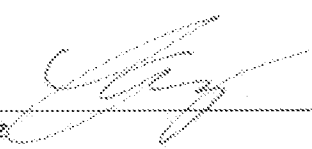
hereby agree that said Assignee(s) may apply for and receive Letters Patent for said improvements in its (their) own name and that when requested without charge to but at the expense of said Assignee(s), its (their) successor(s), assigns, and legal representatives, to carry out in good faith the intent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

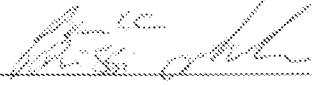
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other papers; communicate to said Assignee(s), its (their) successor(s), assigns and legal representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee(s), 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: 14.11.11   
Gerhard Eser

Witness:   
(printed name: K. Venkatesh)

Date: 15. NOV 2011   
Dirk Heinitz

Witness:   
(printed name: RÜDIGER LAUKRISSI)