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DP-315661, Page 1

DELPHI TECHNOLOGIES, INC.  
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04-23-2007



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Enclosed for recording is Assignment documentation for the following patent application:

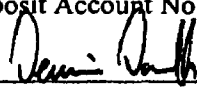
Attorney Docket No.: 89190.419306/DP-315661

- (1) Assignor: KRUGER, Duane D.
- (2) Assignee: DELPHI TECHNOLOGIES, INC.  
Legal Staff - Mail Code: 480-410-202  
P.O. Box 5052  
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- (3) Assignment of patent application:
- (4) Application number: TBA
- (5) Address correspondence to: Paul L. Marshall, Esq.  
DELPHI TECHNOLOGIES, INC.  
Customer Number 22851  
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Mail Code: 480-410-202  
Troy, Michigan 48007-5052
- (6) Number of applications: 1  
Total Fee: \$40.00
- (7) Date documentation executed: April 2, 2007
- (8) Not applicable.
- (9) To the best of my knowledge and belief, the information contained on this cover sheet is a true copy of the original document.

Title: METHOD AND APPARATUS FOR DETERMINING TDC FOR EACH CYLINDER  
OF A MULTI-CYLINDER INTERNAL COMBUSTION ENGINE

Please charge the \$40.00 assignment recording fee to Deposit Account No. 10-0223.

Dennis B. Danella, Esq.  
Reg. No. 46,653  
JAECKLE FLEISCHMANN & MUGEL, LLP

  
Signature  
Date: 4/5/2007

Total number of pages including cover sheet, attachments and document: 3 pages + 1 duplicate page  
Enclosures

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**DELPHI TECHNOLOGIES, INC.**  
**Assignment**

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As a below named inventor or joint inventor of an invention or improvement entitled:

**METHOD AND APPARATUS FOR DETERMINING TDC FOR EACH  
CYLINDER OF A MULTI-CYLINDER INTERNAL COMBUSTION ENGINE**

for which I have executed an application for Letters Patent of the United States of America, which is being filed on an even date herewith; and

WHEREAS, DELPHI, a corporation organized and existing under the laws of the State of Delaware, having its principal office and place of business in the City of Troy, State of Michigan, is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application in the United States of America and in any and all countries foreign thereto;

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I have sold, assigned, transferred, and set over, and by these presents do hereby sell, assign, transfer and set over, unto said DELPHI, its successors, legal representatives, and assigns, my entire right, title and interest in, to, and under the said invention, and the said application, and all divisional, renewal, substitutional, and continuation applications thereof, and all Letters Patent of the United States of America which may be granted thereof and all reissues and extensions hereof, and all applications for Letters Patents which may be filed for said invention in any country or countries foreign to the United States of America, including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention, all rights to register said invention in appropriate registries, and all Letters Patent which may be granted for said invention in any country or countries foreign to the United States of America, and all extensions, renewals, and reissues thereof, and I hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America, and any official of any country or countries foreign to the United States of America, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said invention to said DELPHI, its successors, legal representatives, and assigns, in accordance with the terms of this instrument.

And I hereby covenant that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

And I hereby further covenant and agree that I will communicate to said DELPHI, its successors, legal representatives, and assigns, any fact known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisions, renewal, substitutional, continuing, and reissue applications, make all rightful

Assignment - DELPHI

89190.419306/DP-315661

declarations and/or oaths and generally do everything possible to aid said DELPHI, its successors, legal representatives, and assigns, to obtain and enforce proper patent protection for said invention in all countries.

IN TESTIMONY WHEREOF, I authorize and affirm said assignments with the signature(s) set forth below on the indicated date(s).

Inventor:

Duane D. Kroger  
Duane D. Kroger

Apr 2, 2007

PATENT

RECORDED: 04/05/2007

REEL: 019208 FRAME: 0889