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04-07-2005



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March 24, 2005

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

Attorney Docket No.:

DP-312227

(1) Assignor/Inventors:

KARL PAUL KROETSCH BRIAN M. HARTMAN MARK R. HAMMER

(2) Assignee:

DELPHI TECHNOLOGIES, INC. Legal Staff - Mail Code: 480-410-202

P.O. Box 5052 TROY, MICHIGAN

- (3) Assignment of patent application
- (4) Application number:

If blank, this documentation is filed together with the patent application.

(5) Address correspondence to:

PATRICK M. GRIFFIN

DELPHI TECHNOLOGIES, INC.

Legal Staff P.O. Box 5052

Mail Code: 480-410-202 Troy, Michigan 48007-5052

(6) Number of applications:

Total Fee:

40.00

(7) Date documentation executed: <u>03/07/05</u>; <u>03/15/05</u>; <u>03/07/05</u>

- (8) Not applicable
- (9) To the best of my knowledge and belief, the information contained on this cover sheet is true and correct and any copy submitted is a true copy of the original document.

Title:

HEAT EXCHANGER DESIGN BASED ON PARTIAL STRAIN ENERGY DENSITY

RATIO

Please charge the \$ 40.00 assignment recording fee to DELPHI TECHNOLOGIES INC., Deposit Account No. 50-0831.

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Total number of pages including cover sheet, attachments and document: 2

Enclosures

PATENT

REEL: 016422 FRAME: 0457

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to DELPHI TECHNOLOGIES INC., the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application DP-312227 entitled

HEAT EXCHANGER DESIGN BASED ON PARTIAL STRAIN ENERGY DENSITY RATIO

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize the Vice President of Delphi Technologies, Inc., or his designate, to insert the application number and filing date of said application here in parentheses (filed) when known.		
Inventor's signature	Kanl P. Krantal	Date 07 MR 05
Full name:	KARL PAUL KROETSCH	Declaration dated:
Residence:	WILLIAMSVILLE, NY	07 MR05
Inventor's signature	Brand Hat	Date3/15/05
Full name :	BRIAN M. HARTMAN	Declaration dated:
Residence:	LOCKPORT, NY	3/15/05
Inventor's signature	Mark R Hammer	Date 07 MAR 05
Full name:	MARK R HAMMER	Declaration dated:
Residence:	GETZVILLE, NY	07 MAR 05

RECORDED: 03/24/2005

PATENT REEL: 016422 FRAME: 0458