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Troy, Michigan 48007-5052

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Box Assignments
Assistant Commissioner for Patents
Washington, D.C. 20231

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

Serial No. 09/614153 filed July 11, 2000

Attorney Docket No. DP-300642

(1) Assignor/Inventors: GIULIO ANGEL RICCI-OTTATI
RUSSELL HARMON BOSCH
KENNETH DAVID MOWERY
MARTIN PAUL HARDY
ANDREW JOHN HARGREAVES

(2) Assignee: DELPHI TECHNOLOGIES, INC.
Legal Staff - Mail Code : 480-414-420
P.O. Box 5052
TROY, MICHIGAN 48007-5052

(3) Assignment of patent application

(4) Application number: 09/614153
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: 480-414-420
Troy, Michigan 48007-5052

(6) Number of applications: 1
Total Fee: 40.00

(7) Date documentation executed: November 13, 2000; November 13, 2001; July 19, 2000; July 17, 2000; and July 17, 2000.

(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 : A METHOD FOR DETECTING INJECTION EVENTS IN A
PIEZOELECTRIC ACTUATED FUEL INJECTOR

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

PATRICK M. GRIFFIN
248-267-5552

Total number of pages including cover sheet, attachments and document: 7

Enclosures

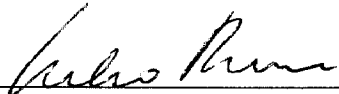
09/20/2001 LMUELLER 00000084 500831 09614153
01 FC:581 40.00 CH

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-300642 entitled

**A METHOD FOR DETECTING INJECTION EVENTS
IN A PIEZOELECTRIC ACTUATED FUEL INJECTOR**

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney TIMOTHY D. MACINTYRE to insert the application number and filing date of said application here in parentheses (_____ filed _____) when known.

Inventor's signature  Date 11/13/00
 Full name: GIULIO ANGEL RICCI-OTTATI Declaration dated :
 Residence: BURTON, MI _____

Inventor's signature  Date 11/13/00
 Full name: RUSSELL HARMON BOSCH Declaration dated :
 Residence: GAINES, MI _____

Inventor's signature _____ Date _____
 Full name: KENNETH DAVID MOWERY Declaration dated :
 Residence: NOBLESVILLE, IN _____

Inventor's signature _____ Date _____
 Full name: MARTIN PAUL HARDY Declaration dated :
 Residence: Gillingham, Kent _____

Inventor's signature _____

Date _____

Full name: ANDREW JOHN HARGREAVES

Declaration dated :

Residence: Goohton, Faversham



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Inventor's signature _____ Date _____

Full name: GIULIO ANGEL RICCI-OTTATI Declaration dated :

Residence: BURTON, MI _____

Inventor's signature _____ Date _____

Full name: RUSSELL HARMON BOSCH Declaration dated :

Residence: GAINES, MI _____

Inventor's signature *Kenneth David Mowery* Date 7/19/00

Full name: KENNETH DAVID MOWERY Declaration dated :

Residence: NOBLESVILLE, IN 7/19/00

Inventor's signature _____ Date _____

Full name: MARTIN PAUL HARDY Declaration dated :

Residence: Gillingham, Kent _____

Inventor's signature _____

Date _____

Full name: ANDREW JOHN HARGREAVES

Declaration dated :

Residence: Goughon, Faversham

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Inventor's signature _____ Date _____
 Full name: RUSSELL HARMON BOSCH Declaration dated :
 Residence: GAINES, MI _____

Inventor's signature _____ Date _____
 Full name: KENNETH DAVID MOWERY Declaration dated :
 Residence: NOBLESVILLE, IN _____

Inventor's signature *Martin Paul Hardy* Date 17-7-00
 Full name: MARTIN PAUL HARDY Declaration dated :
 Residence: Gillingham, Kent 17-7-00

Inventor's signature Andrew Hargreaves

Date 17.7.00

Full name: ANDREW JOHN HARGREAVES

Declaration dated :

Residence: ~~Googhton~~, Faversham
Boughton A34.

17.7.00