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

Serial No. 10/602376 filed June 25, 2003

Attorney Docket No.

GP-301576

(1) Assignor/Inventors:

DAVID S. MATHEWS

(2) Assignee:

GENERAL MOTORS CORPORATION

DETROIT, MICHIGAN

(3) Assignment of patent application

(4) Application number:

10/602376

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

(5) Address correspondence to:

CHRISTOPHER DEVRIES

General Motors Corporation

Legal Staff

Mail Code 482-C23-B21

P.O. Box 300

Detroit, MI 48265-3000

(6) Number of applications:

Total Fee:

40.00

(7) Date documentation executed:

June 20, 2003

(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:

METHODS AND APPARATUS FOR SENSING MISFIRE IN AN INTERNAL

COMBUSTION ENGINE

Please charge the \$40.00 assignment recording fee to GENERAL MOTORS CORPORATION Deposit Account

No. 07-0960.

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CHRISTOPHER DEVRIES 313/665-4969

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

Enclosures

PATENT REEL: 014537 FRAME: 0193

ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GENERAL MOTORS CORPORATION, the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application GP-301576 entitled

METHODS AND APPARATUS FOR SENSING MISFIRE IN AN INTERNAL COMBUSTION ENGINE

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney CHRISTOPHER DEVRIES to insert the application number and filing date of said application here in parentheses (10/602,376 filed June 25, 2003) when known.

Inventor's signature

RECORDED: 09/30/2003

David & mitty

Date June 20, 2003

Full name:

DAVID S. MATHEWS

Declaration dated:

Residence:

HOWELL, MICHIGAN

June 29 2083

PATENT REEL: 014537 FRAME: 0194