

08-16-2002



102193046

General Motors Corporation
 Legal Staff
 Mail Code 482-C23-B21
 P.O. Box 300
 Detroit, MI 48265-3000

06-AUG-02

Box Assignments
 Commissioner for Patents
 Washington DC 20231

8/18/02

OFFICE OF PUBLIC RECORDS
 2002 AUG 12 AM 9:05
 FINANCE SECTION

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

Serial No. 10/150,522 filed May 17, 2002

Attorney Docket No.

GP-301844

(1) Assignor/Inventors:

ALLEN B. RAYL

(2) Assignee:

GENERAL MOTORS CORPORATION
 DETROIT, MICHIGAN

(3) Assignment of patent application

(4) Application number:

10/150,522

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:

1

Total Fee:

40.00

(7) Date documentation executed:

June 27, 2002

(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:

ENGINE CONTROL SYSTEM WITH THROTTLE PRELOAD DURING
 CYLINDER DEACTIVATION

Please charge the \$40.00 assignment recording fee to GENERAL MOTORS CORPORATION Deposit Account No. 07-0960.

08/15/2002 GTDN11 00000137 070960 10150522
 Q1 FC:581 40.00 CH

CHRISTOPHER DEVRIES
 313/665-4969

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

Enclosures

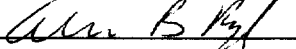
PATENT
 REEL: 013187 FRAME: 0206

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-301844 entitled

**ENGINE CONTROL SYSTEM WITH THROTTLE
PRELOAD DURING CYLINDER DEACTIVATION**

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 (10/150,522 filed May 17, 2002) when known.

Inventor's signature 

Date 6-27-02

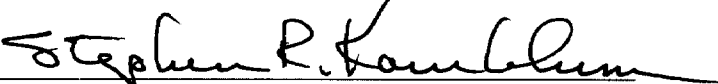
Full name: ALLEN B. RAYL

Declaration dated :

Residence: WATERFORD, MI

6-12-02

On this 27TH day of JUNE, 2002, before me personally appeared ALLEN B. RAYL, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.



Notary Public

(SEAL)

My commission expires:

County of Authorization:

STEPHEN A. KORNBUM
Notary Public, Oakland County, MI
My Commission Expires Apr. 4, 2003