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

26-APR-05

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

Serial No. 11/076742 filed March 10, 2005

Attorney Docket No. GP-303901

(1) Assignor/Inventors: DAVID R. LANCASTER, MARK G. KOSOWSKI, MARK A. THEOBALD
JAMES A. COGSWELL II, BRYAN R. SNYDER
JOHN P. MILLER, DAVID J. FREIMAN

(2) Assignee: GENERAL MOTORS CORPORATION
DETROIT, MICHIGAN

(3) Assignment of patent application

(4) Application number: 11/076742
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: January 9, 10, 26 and 31, 2005; February 3, 2005

(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: METHOD AND APPARATUS FOR ENGINE TORQUE DISTURBANCE REDUCTION
DURING CRANKING

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


Stephanie Harbin
313/665-7536

Total number of pages including cover sheet, attachments and document: 6

Enclosures

700173962

PATENT
REEL: 016156 FRAME: 0626

CH \$40.00 070960 11076742

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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-303901 entitled

METHOD AND APPARATUS FOR ENGINE TORQUE
DISTURBANCE REDUCTION DURING CRANKING

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney LESLIE C. HODGES to insert the application number and filing date of said application here in parentheses (11/076,742 filed March 10, 2005) when known.

Inventor's signature



Date 4/31/05

Full name :

DAVID R. LANCASTER

Declaration dated :

Residence :

TROY, MICHIGAN

Inventor's signature

Date

Full name :

MARK G. KOSOWSKI

Declaration dated :

Residence :

ROCHESTER HILLS, MICHIGAN

Inventor's signature

Date

Full name :

MARK A. THEOBALD

Declaration dated :

Residence :

BLOOMFIELD HILLS, MICHIGAN

Inventor's signature

Date

Full name :

JAMES A. COGSWELL II

Declaration dated :

Residence :

CLARKSTON, MICHIGAN

USSN 11/076, 742 Filed March 10, 2005

GP-303901, Page 2

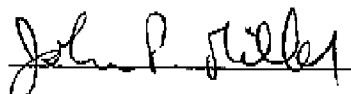
Inventor's signature _____ Date _____

Full name : BRYAN R. SNYDER

Declaration dated : _____

Residence : WATERFORD, MICHIGAN

Inventor's signature



Date 1/26/05

Full name : JOHN P. MILLER

Declaration dated : _____

Residence : NORTHVILLE, MICHIGAN
1/26/05

Inventor's signature



Date 1/26/05

Full name : DAVID J. FREIMAN

Declaration dated : _____

Residence : ANN ARBOR, MICHIGAN
1/26/05

GP-303901, Page 3

ASSIGNMENT

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METHOD AND APPARATUS FOR ENGINE TORQUE
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Inventor's signature _____ Date _____

Full name : DAVID R. LANCASTER

Declaration dated : _____

Residence : TROY, MICHIGAN

Inventor's signature Mark G. Kosowski

Date 1/10/05

Full name : MARK G. KOSOWSKI

Declaration dated : _____

Residence : ROCHESTER HILLS, MICHIGAN

Inventor's signature Mark A. Theobald

Date 1/9/05

Full name : MARK A. THEOBALD

Declaration dated : _____

Residence : BLOOMFIELD HILLS, MICHIGAN

Inventor's signature _____

Date _____

Full name : JAMES A. COGSWELL II

Declaration dated : _____

Residence : CLARKSTON, MICHIGAN

GP-303901, Page 4

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-303901 entitled

**METHOD AND APPARATUS FOR ENGINE TORQUE
DISTURBANCE REDUCTION DURING CRANKING**

for which I executed a declaration dated as indicated below. If the patent application has been filed, I authorize attorney LESLIE C. HODGES to insert the application number and filing date of said application here in parentheses (11/076,742 filed March 10, 2005) when known.

Inventor's signature _____ Date _____

Full name : DAVID R. LANCASTER

Declaration dated : _____

Residence : TROY, MICHIGAN

Inventor's signature _____ Date _____

Full name : MARK G. KOSOWSKI

Declaration dated : _____

Residence : ROCHESTER HILLS, MICHIGAN

Inventor's signature _____ Date _____

Full name : MARK A. THEOBALD

Declaration dated : _____

Residence : BLOOMFIELD HILLS, MICHIGAN

Inventor's signature James A. Cogswell II Date 2/3/2005

Full name : JAMES A. COGSWELL II

Declaration dated : _____

Residence : CLARKSTON, MICHIGAN

2/3/2005

USSN 11/076,742 Filed March 10, 2005

GP-303901, Page 5

Inventor's signature Bryan R. Snyder Date 1/31/05

Full name : BRYAN R. SNYDER

Declaration dated :

Residence : WATERFORD, MICHIGAN

1/31/05

Inventor's signature _____ Date _____

Full name : JOHN P. MILLER

Declaration dated :

Residence : NORTHVILLE, MICHIGAN

Inventor's signature _____ Date _____

Full name : DAVID J. FREIMAN

Declaration dated :

Residence : ANN ARBOR, MICHIGAN