



01-16-01

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

02-09-2001



101610245



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

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

- Attorney Docket No. H-205823
- (1) Assignor/Inventors: ROBERT CHARLES DOWNS
GORO TAMAI
TONY T. HOANG
DENNIS T. RICHEY
- (2) Assignee: GENERAL MOTORS CORPORATION
DETROIT, MICHIGAN

(3) Assignment of patent application

09/760503

(4) Application number:
If blank, this documentation is filed together with the patent application.

(5) Address correspondence to : LAURA C. HARGITT
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: 28-NOV-00; 08,13-DEC-00

(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: CRANKSHAFT ROTATION CONTROL IN A HYBRID ELECTRIC VEHICLE

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

02/07/2001 DBYRNE 00000172 070960 09760503
01 FC:581 40.00 CH

LAURA C. HARGITT
313/665-4710

CHARLES E. LEAHY
313/665-4707

Total number of pages including cover sheet, attachments and document: 3

Enclosures

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 H-205823 entitled

CRANKSHAFT ROTATION CONTROL IN A HYBRID ELECTRIC VEHICLE

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

Inventor's signature Robert C. Downs Date 11-28-00

Full name: ROBERT CHARLES DOWNS Declaration dated :

Residence: LA JOLLA, CA 11-28-00

Inventor's signature Goro Tamai Date 12/8/00

Full name: GORO TAMAI Declaration dated :

Residence: WARREN, MI 12/8/00

Inventor's signature Tony T. Hoang Date 12/13/00

Full name: TONY T. HOANG Declaration dated :

Residence: WARREN, MI 12/13/00

Inventor's signature Dennis T. Richey Date 12-13-00

Full name: DENNIS T. RICHEY Declaration dated :

Residence: STERLING HEIGHTS, MI 12-13-00

On this 28th day of November, 2000, before me personally appeared ROBERT CHARLES DOWNS, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.



Veronica Riesett
Notary Public
My commission expires: 1-12-2002
County of Authorization: San Diego

On this 8TH day of DECEMBER, 2000, before me personally appeared GORO TAMAI, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Stephen R. Kornblum
Notary Public
My commission expires:
County of Authorization:

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

On this 13TH day of DECEMBER, 2000, before me personally appeared TONY T. HOANG, known to me to be the person who executed the foregoing instrument, and acknowledged that he/she executed the same.

(SEAL)

Stephen R. Kornblum
Notary Public
My commission expires:
County of Authorization:

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

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CRANKSHAFT ROTATION CONTROL IN A HYBRID ELECTRIC VEHICLE

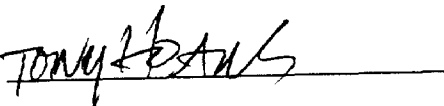
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Inventor's signature  Date 11-28-00

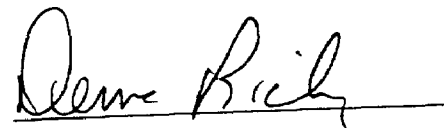
Full name: ROBERT CHARLES DOWNS Declaration dated :
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Residence: WARREN, MI 12/8/00

Inventor's signature  Date 12/13/00

Full name: TONY T. HOANG Declaration dated :
Residence: WARREN, MI 12/13/00

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