Customer No. 00286 GP-307137, Page 1

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

27-APR-06

Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office PO Box 1450 Alexandria VA 22313-1450

Fax No. 571-273-0140

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

Serial No. 11/286709 filed November 23, 2005 Attorney Docket No.

GP-307137

(1) Assignor/Inventors:

ALAN G. HOLMES, MICHAEL R. SCHMIDT DONALD KLEMEN, ANTHONY H. HEAP GREGORY A. HUBBARD, LARRY T. NITZ

(2) Assignee:

GM GLOBAL TECHNOLOGY OPERATIONS, INC.

DETROIT, MICHIGAN

(3) Assignment of patent

application

(4) Address correspondence to: CHRISTOPHER DEVRIES

General Motors Corporation

Legal Staff

Mail Code 482-C23-B21

P.O. Box 300, Detroit, MI 48265-3000

(5) Number of applications:

Total Fee:

40.00

- (6) Date documentation executed: January 11, 2006; March 29 and 30, 2006
- (7)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:

HYBRID POWERTRAIN HAVING AN ELECTRICALLY VARIABLE

TRANSMISSION AND ENGINE VALVE CONTROL

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

Stephanie Harbin 313/665-7536

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

Enclosures

PATENT REEL: 017550 FRAME: 0338

700260975

300-23-TC

GP-307137, Page 1

#### ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application GP-307137 entitled

## HYBRID POWERTRAIN HAVING A ELECTRICALLY VARIABLE TRANSMISSION AND ENGINE VALVE CONTROL

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 ( 11/286,709 filed November 23, 2005 ) when known.

Inventor's signature	Man & Holmes	Date 79 Mar 2006
Full name :	ALAN G. HOLMES	Declaration dated:
Residence:	CLARKSTON, MICHIGAN	29 Mar 2006
Inventor's signature		Date
Full name :	MICHAEL R. SCHMIDT	Declaration dated:
Residence:	CARMEL, INDIANA	
Inventor's signature		Date
Full name :	DONALD KLEMEN	Declaration dated:
Residence:	CARMEL, INDIANA	
Inventor's signature		Date
Full name :	ANTHONY H. HEAP	Declaration dated:
Residence:	ANN ARBOR, MICHIGAN	

PATENT REEL: 017550 FRAME: 0339 Inventor's signature.

300-23-TC

GP-307137, Page 1

#### ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application GP-307137 entitled

### HYBRID POWERTRAIN HAVING A ELECTRICALLY VARIABLE TRANSMISSION AND ENGINE VALVE CONTROL

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 (11/286,709 filed November 23, 2005) when known.

Date

	·	
Full name :	ALAN G. HOLMES	Declaration dated:
Residence:	CLARKSTON, MICHIGAN	
Inventor's signature	Michael To Schmidt	Date <u>Jan.</u> 11, 2006
Full name :	MICHAEL R. SCHMIDT	Declaration dated:
Residence:	CARMEL, INDIANA	Jan. 11, 2006
Inventor's signature	Applil Klanur	Date Jan 71, 7206
Full name :	DONALD KLEMEN	Declaration dated:
Residence :	CARMEL, INDIANA	Jax11,2086
Inventor's signature		Date
Full name :	ANTHONY H. HEAP	Declaration dated :
Residence:	ANN ARBOR, MICHIGAN	

PATENT REEL: 017550 FRAME: 0340

GP-307137, Page 1

#### ASSIGNMENT

Pursuant to an agreement with my employer, I formally assign to GM GLOBAL TECHNOLOGY OPERATIONS, INC., the entire right, title and interest, in all countries, in the improvements set forth in the United States patent application GP-307137 entitled

# HYBRID POWERTRAIN HAVING A ELECTRICALLY VARIABLE TRANSMISSION AND ENGINE VALVE CONTROL

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 (11/286,709 filed November 23, 2005) when known.

Inventor's signature		Date
Full name :	ALAN G. HOLMES	Declaration dated:
Residence:	CLARKSTON, MICHIGAN	
Inventor's signature		Date
Full name:	MICHAEL R. SCHMIDT	Declaration dated:
Residence:	CARMEL, INDIANA	
Inventor's signature		Date
Full name :	DONALD KLEMEN	Declaration dated:
Residence:	CARMEL, INDIANA	
Inventor's signature	anthony H. Hear	Date 2006   03   21
Full name :	ANTHONY H. HEAP	Declaration dated :
Residence:	ANN ARBOR, MICHIGAN	2006/03/24

GP-307137, Page 2

USSN 11/286,709 filed November 23, 2005

Inventor's signature	Dayy a Halbard	Date 3/29/2006
Full name :	GREGORY A. HUBBARD	Declaration dated:
Residence:	BRIGHTON, MICHIGAN	<u>3/29/z∞€</u>
T4		Data
Inventor's signature		Date
Full name :	LARRY T. NITZ	Declaration dated:
Residence :	SOUTH LYON, MICHIGAN	

Residence:

GP-307137, Page 2

3/30/06

Inventor's signature		Date
Full name :	GREGORY A. HUBBARD	Declaration dated:
Residence:	BRIGHTON, MICHIGAN	
Inventor's signature	J.J. H	Date 3/30/06
Full name :	LARRY T. NITZ	Declaration dated:

SOUTH LYON, MICHIGAN

**PATENT** REEL: 017550 FRAME: 0343